

National Centre for Classification in  
Health



PROFESSIONAL RELATIVITIES STUDY

**RESOURCE MATERIAL M**

**Alignment meeting papers: sample and  
introductory letter**

*Background documentation, introductory letter and  
instructions provided to the Consensus Group members in  
preparation for the Between Group Alignment  
Process meetings.*

*prepared for*

---

Medicare Schedule Review Board  
December 2000

16<sup>th</sup> September 1999

«Title» «M\_1st\_Name» «Surname»  
«Organisation»  
«Postal\_Address»  
«Suburb» «State» «Post\_Code»

Fax: «Fax\_work»

Dear «Title» «Surname»

**PROFESSIONAL RELATIVITIES STUDY  
Consensus Group Alignment Process**

I am writing to you in your capacity as Consensus Group (CG) Co-ordinator/Advisory Panel on Professional Relativities in Medical Services (APPRMS) member for «Specialty» about the urgent need to have ranking and rating data confirmed by all consensus groups so that the alignment stage of the Professional Relativities Study (PRS) can commence.

**Ranking and Rating data**

You will recall that the NCCH sent a letter to all consensus group members dated 6.7.99 requesting that ranking and rating data are confirmed with the NCCH by 31.8.99. In order to progress the study, it is critical that your group send the ranking and rating data (including consultation items) to the NCCH as soon as possible (at the latest by 30.9.99). The data will need to be consistently ranked according to the study methods.

Some groups have forwarded their data and, if this is your group, please ignore this request.

**Alignment Process**

The alignment stage of the project is critical to the PRS. During this process, link items will be used to align the 23 specialty group rankings, time estimates and intensity ratings. The ultimate goal will be to have all groups consistently aligned on one relativity scale, whilst endeavouring to retain the within group rankings developed by Consensus Groups.

The NCCH is now planning meetings for the alignment process. The Board has agreed that this process will involve the following:

- ✍ Representation from each CG (1 representative) , from the APPRMS (where different from the CG) and representation from the Consensus Group on Attendance Items (CGAI).
- ✍ Nomination of one person from each CG specialty group, ideally this would be the Co-ordinator. If this is not possible, a 'shared' arrangement could be put forward. Please bear in mind the obvious learning curve each nominee will experience.

- ✍ Representative(s) may need to be available for between 4-6 meetings between October and early December 1999 in Sydney, Melbourne or Brisbane. This is to ensure that you are present whenever your groups' rankings and ratings are discussed. The final meeting will include representation from all specialty groups. The NCCH is endeavouring to reduce the number of meetings by using other methods of communication (e.g. via correspondence) where feasible.
- ✍ Meetings will be scheduled for Thursdays and Fridays in morning and afternoon sessions with Saturday meetings scheduled for the end stages of the process. We expect the meetings to last no longer than 2-3 hours.
- ✍ At least one month's notice will be given for each meeting scheduled.
- ✍ All CG ranking and rating data received must be consistent for procedure and consultation items.
- ✍ If the data is not received, the CGs may forfeit their involvement in the early stages of the alignment process and will therefore be aligned at the end stage of the process.

**Again it must be stressed how critical it is that the data is confirmed with the NCCH by Thursday 30 September 1999.**

A few groups are not scheduled to meet until the end of September. This has been taken into consideration when planing meetings so that these groups are not disadvantaged during the alignment process.

Could you please let us know your nominee representative(s), available days and time of day in first and second preferences on the attached proposed schedule by either faxing (02 9351 9722) or phoning (02 9351 9720) the details to the NCCH. We will take into consideration your preferences when finalising the dates for the meetings schedule.

This letter has not been sent to all members of your consensus group, however, please feel free to distribute copies of this letter to your colleagues.

Yours sincerely

Rosemary Roberts  
Director

**Professional Relativities Study**

# **CG Alignment Meeting 1**

**Endocrinology/General  
Medicine/Geriatrics/  
Infectious Diseases/Nuclear Medicine/  
Immunology/Occupational Medicine/  
Rheumatology/Rehabilitation Medicine**

**AND**

**Paediatric Medicine/  
Thoracic Medicine**

**9<sup>th</sup> October 1999**

***National Centre For Classification In Health***

# Venue and Attendees

**TIME:** 9.00am to 1.00pm  
**DATE:** Saturday 9<sup>th</sup> October 1999  
**VENUE:** Kurnell Room  
Sheraton Sydney Airport Hotel  
Cnr O'Riordan and Robey Streets  
Sydney Airport MASCOT  
Ph: 02 9317 2200 Fax: 02 9317 3855

**FACILITATOR(S):** A/ Professor Rosemary Roberts  
Ms Lauren Jones  
Mr George Rennie

---

## ATTENDEES:

### General Medicine Group

Dr Julien de Jager (Australian Rheumatology Association)  
Dr Les Bolitho (Royal Australasian College of Physicians)

### Paediatric/Thoracic Medicine

Dr Michael Rice (Australian College of Paediatrics/Australian Assoc. of Consultant Physicians)

### Advisory Panel on Professional Relativities in Medical Services Representative

Dr Bruce Kinloch (Australasian Faculty of Rehabilitation Medicine)  
Dr Peter Lowthian (Australian Rheumatology Association)

### Medicare Schedule Review Board

Dr Geoffrey Metz (via teleconference)

### National Centre for Classification in Health

A/Prof Rosemary Roberts (Director)  
Ms Lauren Jones (Project Manager)  
Mr George Rennie (Statistician)

### Apologies

Dr Jonathon Burdon (Thoracic Society of Australia and New Zealand)

# **ATTACHMENTS**

- 1. Glossary of Terms and PRS Definitions**
- 2. Individual Group work sheets**
- 3. Link Item Rankings and Times Estimates**
- 4. Theatre Times**

# **Attachment 1**

## **Glossary of Terms and PRS Definitions**

## Attachment 1 GLOSSARY OF TERMS AND PRS DEFINITIONS

ANAESTHETIC TIME	Anaesthetic time begins when the anaesthetist begins to prepare the patient for anaesthesia care in the operating room or in an equivalent area and ends when the anaesthetist is no longer in personal attendance, that is, when the patient may be safely placed under the supervision of other personnel.
COGNITIVE SKILL CLINICAL JUDGEMENT COMMUNICATION SKILLS	First component of intensity (PRS) Rated for “intra service” time (with an average taken for pre and post service times). Where intra service time is <u>zero</u> , the intensity rate applies to the pre or post component of time <i>which contains the bulk of the professional work</i> .
CORE ITEM	MBS items to be selected for development of RVU estimates. PRS core item criteria: <ul style="list-style-type: none"><li>≪ Good map to CPT</li><li>≪ Good spread among rankings</li><li>≪ Item frequency</li></ul>
CURRENT PROCEDURAL TERMINOLOGY – CPT	System for coding physician services developed by the American Medical Association to file claims with Medicare and other third-party payers; level 3 of the HCFA Common Procedure Coding System (HCPCS) <sup>1</sup>  The CPT is a listing of descriptive terms and identifying codes for reporting medical services and procedures performed by physicians <sup>2</sup>
DIRECT TIME	Face-to-face time with patient.
EXTRAPOLATION	Projection from known results to unknown cases where the unknown cases lie outside the range of the known cases
FLOOR TIME *** (WARD TIME)	Time dedicated to a patient service within a hospital, nursing home or other institution, covering time that the medical practitioner is present in the patient’s ward, interview/treatment room, or at the bedside with the patient.



INDIRECT TIME	Non face-to-face patient related time
INTERPOLATION	Projection of known results to unknown cases where the unknown cases lie within the range of the known cases
INTENSITY	<p>The three components of intensity for the purpose of the PRS are:</p> <ul style="list-style-type: none"><li>≠ cognitive skill, clinical judgement and communication skills</li><li>≠ technical skill and physical effort</li><li>≠ stress due to risk - risk to patient and/or difficulty of procedure</li></ul> <p>Rated for “intra service” time (with an average taken for pre and post service times). Where intra service time is <u>zero</u>, the intensity rate applies to the pre or post component of time which contains the bulk of the professional work.</p>
INTRA SERVICE TIME	<p><b>For procedures:</b> time in which the service provider is in direct contact with the patient in the procedure room. <i>? For most procedures this would be ‘skin to skin’ time ie. Opening to closing. Includes where positioning of the patient is an intrinsic part of the procedure eg lithotripsy, stereotactic procedures.</i></p> <p><b>For consultations:</b> Face-to-face time with the patient (excluding pre-service time)</p> <p><i>Hospital visits:</i> time in the ward dedicated to the patient (ie the floor time) which includes the time that the medical practitioner is present in the patient’s ward and at the bedside with the patient.</p>
LINKING SPECIALTIES	<p>Two approaches for data linking are possible:</p> <ul style="list-style-type: none"><li>≠ same MBS items carried out by different specialties</li><li>≠ linking different item numbers which are of equal professional work</li></ul> <p><b>PRS link item:</b> same item reviewed by more than one specialty.</p>

MAPPING	The term ‘mapping’ refers to the process of finding an ‘equivalent’ code between two classifications enabling interpretation of one classification to the other <sup>3</sup>
PRE-SERVICE TIME	<p>Time taken to prepare for a specific service.</p> <p><b>For procedures:</b> includes dress, scrub and wait.</p> <p><b>For consultations:</b> time spent in preparation of specific service prior to face to face consultation. <i>Hospital visits:</i> time spent in preparation of specific service before the ‘on the floor’ time.</p>
POST SERVICE TIME	<p><b>For procedures:</b> Closure or end of service to completion of norm “after care”. <i>Includes Recovery, ICU, CCU and follow-up visits included in the item.</i></p> <p><b>For consultations:</b> Time spent on specific service after cessation of face-to-face contact. <i>Hospital visits:</i> time spent on specific service after cessation of ‘on the floor’ time.</p> <p><b>All times must involve the doctor in direct or indirect activity with respect to the specific patient and item</b></p>
RANKING	Placing items in order eg 1-N
RATING	Giving a score on a predetermined scale e.g. 0-10 or 1-100
REGRESSION ANALYSIS	Determination of the relationship between a dependent variable and a number of other variables (independent variables) by statistical means
RELATIVE VALUE SCALE (U.S. DEFINITION)	An index of physicians’ services ranked according to “value”, with value defined according to the basis for the scale. In a charge-based relative value scale, services are ranked according to the average fee for the service or some other charge basis. A resource-based relative value scale ranks services according to the relative costs of the resources required to provide them. <sup>2</sup>
RELATIVE VALUE UNIT	The unit of measure for the professional work component in the Relative Value Study.

REMAINING ITEM	Non-core item
RESOURCE BASED RELATIVE VALUE SCALE (U.S. DEFINITION)	A relative value scale based on the resource costs of providing physician services; adopted in OBRA 89 as the basis for physician payment for Medicare Part B services effective January 1, 1992. The relative value of each service is the sum of relative value units (RVUs) representing physician work, practice expense, and professional liability insurance (PLI) adjusted for each locality by a geographic adjustment factor and converted into dollar payment amounts by a conversion factor <sup>2</sup>
TECHNICAL SKILL PHYSICAL EFFORT	Second component of intensity (PRS) Rated for “intra service” time (with an average taken for <i>pre and post service times</i> ). <i>Where intra service time is <u>zero</u>, The intensity rate applies to the pre or post component of time Which contains the bulk of the professional work.</i>
TIME	Total service time incorporates both patient related (face-to-face) and (non face-to-face) direct and indirect time.
TOTAL WORK	Time + Intensity
STRESS DUE TO RISK	Third component of intensity (PRS) Includes stress due to risk to patient and/or difficulty of procedure. Rated for “intra service” time (with an average taken for <i>pre and post service times</i> ). <i>Where intra service time is <u>zero</u>, the intensity rate applies to the pre or post component of time which contains the bulk of the professional work.</i>

---

<sup>1</sup> American Medical Association - Medicare RBRVS: The Physicians Guide - 1997

<sup>2</sup> American Medical Association - Physicians Current Procedural Terminology - 1997

<sup>3</sup> National Coding Centre - Coding Matters Vol. 2, No.4 April 1996

PRS\CGs\consult package\PRS defintions..

## **Attachment 2**

### **Individual Group work sheets**

**Paediatric Medicine / Thoracic Medicine**  
**CONFIRMED DATA 12.8.99 - Sorted by Rank**

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaest Time	Schedule Fee	Rank [1-N]	Time Estimates (Mins)			Ratings of Intensity (0-10)			CG Meeting	Rank Formula 1
		1996/97	Mins	\$	Based on rank formula	Pre Service	Intra Service	Post Service	Cogn skill/ Clin. judg/ Comm skills	Techn skill/ Phys Effort	Stress due to risk	Comments	(20+total intensity) * (pre+2intra+post)
13309	Blood transfusion with venesection and complete replacement of blood, using blood already collected	61		209.1	1	30	150	15	5	8	8		14145
91081	Home visit exceeding 75 minutes duration with a new patient seen on a referred basis.				2	8	75	25	10	7	10		8601
90781	Consultation in rooms exceeding 75 minutes duration with a new patient seen on a referred basis.				3	5	75	20	10	7	10		8225
90881	Consultation at a nursing home exceeding 75 minutes duration with a new patient seen on a referred basis.				4.5	7	75	10	10	8	10		8016
90981	Consultation at other institution exceeding 75 minutes duration with a new patient seen on a referred basis.				4.5	7	75	10	10	8	10		8016
91281	Consultation in a hospital of approximately 75 minutes duration with a new patient seen on a referred basis.				6	6	75	10	10	8	10		7968
91082	Home visit exceeding 75 minutes duration with an existing patient seen on a referred basis.				7	8	75	25	10	5	8		7869
90782	Consultation in rooms exceeding 75 minutes duration with an existing patient seen on a referred basis.				8	5	75	20	10	5	8		7525
41901	Endoscopic laser resection of endobronchial tumours for relief of obstruction including any associated endoscopic procedures (Assist.)	49	150	443.65	9	10	60	30	8	9	9	CG: Need an item for bronchoscopy with brachytherapy. NCCH: Report to MSRB.	7360
90882	Consultation at a nursing home exceeding 75 minutes duration with an existing patient seen on a referred basis.				10.5	2	75	3	10	6	9		6975
90982	Consultation at other institution exceeding 75 minutes duration with an existing patient seen on a referred basis.				10.5	2	75	3	10	6	9		6975
91282	Consultation in a hospital of approximately 75 minutes duration with an existing patient seen on a referred basis.				12	1	75	3	10	6	9		6930
91071	Home visit of approximately 60 minutes duration with a new patient seen on a referred basis.				13	8	60	20	10	7	9		6808
90871	Consultation at a nursing home of approximately 60 minutes duration with a new patient seen on a referred basis.				14.5	6	60	9	10	8	10		6480
90971	Consultation at other institution of approximately 60 minutes duration with a new patient seen on a referred basis.				14.5	6	60	9	10	8	10		6480
90771	Consultation in rooms of approximately 60 minutes duration with a new patient seen on a referred basis.				16	5	60	15	10	7	9		6440
91271	Consultation in a hospital of approximately 60 minutes duration with a new patient seen on a referred basis.				17	5	60	9	10	8	10		6432
91072	Home visit of approximately 60 minutes duration with an existing patient seen on a referred basis.				18	8	60	20	10	5	7		6216
90772	Consultation in rooms of approximately 60 minutes duration with an existing patient seen on a referred basis.				19	5	60	15	10	5	7		5880
90872	Consultation at a nursing home of approximately 60 minutes duration with an existing patient seen on a referred basis.				20.5	2	60	3	10	6	8		5500
90972	Consultation at other institution of approximately 60 minutes duration with an existing patient seen on a referred basis.				20.5	2	60	3	10	6	8		5500
91272	Consultation in a hospital of approximately 60 minutes duration with an existing patient seen on a referred basis.				22	1	60	3	10	6	8		5456

**Paediatric Medicine / Thoracic Medicine**  
**CONFIRMED DATA 12.8.99 - Sorted by Rank**

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaest Time	Schedule Fee	Rank [1-N]	Time Estimates (Mins)			Ratings of Intensity (0-10)			CG Meeting	Rank Formula 1
						Pre Service	Intra Service	Post Service	Cogn skill/ Clin. judg/ Comm skills	Techn skill/ Phys Effort	Stress due to risk		
		1996/97	Mins	\$	Based on rank formula								
38412	Percutaneous needle biopsy of lung	886	30	153.55	23.5	10	45	15	9	9	9	GC: Delete item. <u>NCCH: CG please review.</u> Although this is a diagnostic imaging item (specialty not covered by PRS) HIC data shows that 21 of 886 claims were by Thor Med.	5405
41898	Fibreoptic bronchoscopy with 1 or more transbronchial lung biopsies, with or without bronchial or broncho-alveolar lavage, with or without the use of	869	45	188.70	23.5	10	45	15	9	9	9		5405
91061	Home visit of approximately 45 minutes duration with a new patient seen on a referred basis.				25	5	45	20	10	7	8		5175
91062	Home visit of approximately 45 minutes duration with an existing patient seen on a referred basis.				26	8	45	20	10	5	7		4956
41895	Bronchus, removal of foreign body in (Assist.)	62	45	270	27	10	40	15	8	9	9	CG: Add to list	4830
90761	Consultation in rooms of approximately 45 minutes duration with a new patient seen on a referred basis.				28	2	45	15	10	7	8		4815
90861	Consultation at a nursing home of approximately 45 minutes duration with a new patient seen on a referred basis.				29.5	5	45	5	10	8	9		4700
90961	Consultation at other institution of approximately 45 minutes duration with a new patient seen on a referred basis.				29.5	5	45	5	10	8	9		4700
13879	Mechanical ventilation, initiation of, by a specialist or consultant physician, in an Intensive Care Unit, including subsequent management of ventilatory	4413		162.55	31	15	10	60	9	10	10		4655
91261	Consultation in a hospital of approximately 45 minutes duration with a new patient seen on a referred basis.				32	4	45	5	10	8	9		4653
38410	Intercostal drain, insertion of, with pleurodesis and not involving resection of rib (excluding aftercare)	93	45	120.90	33	20	30	30	6	8	8	CG: Add to list	4620
90762	Consultation in rooms of approximately 45 minutes duration with an existing patient seen on a referred basis.				34	5	45	15	10	5	6		4510
90862	Consultation at a nursing home of approximately 45 minutes duration with an existing patient seen on a referred basis.				35.5	2	45	3	10	6	7		4085
90962	Consultation at other institution of approximately 45 minutes duration with an existing patient seen on a referred basis.				35.5	2	45	3	10	6	7		4085
91262	Consultation in a hospital of approximately 45 minutes duration with an existing patient seen on a referred basis.				37	1	45	3	10	6	7		4042
41892	Bronchoscopy with 1 or more endobronchial biopsies or other diagnostic or therapeutic procedures	4059	30	172.60	38	10	30	15	8	8	8		3740
91051	Home visit of approximately 30 minutes duration with a new patient seen on a referred basis.				39	5	30	15	10	7	7		3520
91052	Home visit of approximately 30 minutes duration with an existing patient seen on a referred basis.				40	7	30	15	10	5	7		3444
13319	Central vein catheterisation in a neonate via peripheral vein	0	60	167	41	10	30	10	6	8	8		3360
38409	Intercostal drain, insertion of, not involving resection of rib (excluding after-care)	1343	30	98.10	42	20	20	20	5	8	8		3280
90851	Consultation at a nursing home of approximately 30 minutes duration with a new patient seen on a referred basis.				43.5	4	30	5	10	8	8		3174

**Paediatric Medicine / Thoracic Medicine**  
**CONFIRMED DATA 12.8.99 - Sorted by Rank**

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaest Time	Schedule Fee	Rank [1-N]	Time Estimates (Mins)			Ratings of Intensity (0-10)			CG Meeting	Rank Formula 1
						Pre Service	Intra Service	Post Service	Cogn skill/ Clin. judg/ Comm skills	Techn skill/ Phys Effort	Stress due to risk		
90951	Consultation at other institution of approximately 30 minutes duration with a new patient seen on a referred basis.	1996/97	Mins	\$	43.5	4	30	5	10	8	8		3174
90751	Consultation in rooms of approximately 30 minutes duration with a new patient seen on a referred basis.				45	2	30	10	10	7	7		3168
91251	Consultation in a hospital of approximately 30 minutes duration with a new patient seen on a referred basis.				46	3	30	5	10	8	8		3128
38403	Thoracic cavity, aspiration of, with therapeutic drainage (paracentesis), with or without diagnostic sample	1861		56.50	47	15	30	10	4	5	6		2975
90752	Consultation in rooms of approximately 30 minutes duration with an existing patient seen on a referred basis.				48	4	30	10	10	5	5		2960
41889	Bronchoscopy, as an independent procedure	1237	30	130.8	49	10	25	10	7	7	7		2870
13303	Umbilical artery catheterisation with or without infusion	332		62	50	10	30	5	3	8	7		2850
13300	Umbilical or scalp vein catheterisation in a neonate with or without infusion; or cannulation of a vein	2827		41.8	51	10	30	5	3	7	7	CG: This descriptor needs review as procedure varies according to the vein used. NCCH: Report to MSRB.	2775
90852	Consultation at a nursing home of approximately 30 minutes duration with an existing patient seen on a referred basis.				52.5	2	30	3	10	6	6		2730
90952	Consultation at other institution of approximately 30 minutes duration with an existing patient seen on a referred basis.				52.5	2	30	3	10	6	6		2730
91252	Consultation in a hospital of approximately 30 minutes duration with an existing patient seen on a referred basis.				54	1	30	3	10	6	6		2688
91040	Home visit of approximately 20 minutes duration with a new or existing patient seen on a referred basis.				55.5	5	20	13	9	6	7		2436
91043	Home visit of approximately 20 minutes duration and the nature of the service requires breaks in continuity with a new or existing patient seen on a referred basis.				55.5	5	20	13	9	6	7		2436
13882	Ventilatory support in an Intensive Care Unit, management of, by a specialist or consultant physician - not being a service to which item 13879	33460		55.3	57	0	20	20	9	3	7		2340
30090	Biopsy of pleura, percutaneous - 1 or more biopsies on any 1 occasion	245	30	94.35	58	15	15	15	5	6	7		2280
90740	Consultation in rooms of approximately 20 minutes duration with a new or existing patient seen on a referred basis.				59.5	2	20	8	9	6	5		2000
90743	Consultation in rooms of approximately 20 minutes duration and the nature of the service requires breaks in continuity with a new or existing patient				59.5	2	20	8	9	6	5		2000
90840	Consultation at a nursing home of approximately 20 minutes duration with a new or existing patient seen on a referred basis.				62.5	3	20	2	9	7	6		1890
90843	Consultation at a nursing home of approximately 20 minutes duration and the nature of the service requires breaks in continuity with a new or existing patient seen on a referred basis.				62.5	3	20	2	9	7	6		1890
90940	Consultation at other institution of approximately 20 minutes duration with a new or existing patient seen on a referred basis.				62.5	3	20	2	9	7	6		1890
90943	Consultation at other institution of approximately 20 minutes duration and the nature of the service requires breaks in continuity with a new or existing patient seen on a referred basis.				62.5	3	20	2	9	7	6		1890

**Paediatric Medicine / Thoracic Medicine**  
**CONFIRMED DATA 12.8.99 - Sorted by Rank**

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaest Time	Schedule Fee	Rank [1-N]	Time Estimates (Mins)			Ratings of Intensity (0-10)			CG Meeting	Rank Formula 1
						Pre Service	Intra Service	Post Service	Cogn skill/ Clin. judg/ Comm skills	Techn skill/ Phys Effort	Stress due to risk		
12203	Overnight investigation for sleep apnoea for a period of at least 8 hours duration where:(a) continuous monitoring of oxygen saturation and breathing using a multi-channel polygraph, and recordings of EEG, EOG, submental EMG, anterior tibial EMG, respirat	27484		436.05	65.5	15	0	45	8	2	1	CG 1.5.99: Post time does not include staging by technicians but does include detailed review of the study and reporting	1860
12207	Overnight investigation for sleep apnoea for a period of at least 8 hours duration, where: (a) continuous monitoring of oxygen saturation and breathing using a multi-channel polygraph, and recordings of EEG, EOG, submental EMG, anterior tibial	0		436.05	65.5	15	0	45	8	2	1	CG 1.5.99: Post time does not include staging by technicians but does include detailed review of the study and reporting	1860
91240	Consultation in a hospital of approximately 20 minutes duration with a new or existing patient seen on a referred basis.				67.5	2	20	2	9	7	6		1848
91243	Consultation in a hospital of approximately 20 minutes duration and the nature of the service requires breaks in continuity with a new or existing				67.5	2	20	2	9	7	6		1848
91030	Home visit of approximately 15 minutes duration with a new or existing patient seen on a referred basis.				69	5	15	10	8	5	6		1755
90730	Consultation in rooms of approximately 15 minutes duration with a new or existing patient seen on a referred basis.				70	2	15	5	8	5	4	CG 1.5.99: Relevant to existing only	1369
39000	Lumbar puncture	3734	15	55.25	71	10	10	5	5	7	6		1330
90830	Consultation at a nursing home of approximately 15 minutes duration with a new or existing patient seen on a referred basis.				72.5	2	15	1	8	6	5		1287
90930	Consultation at other institution of approximately 15 minutes duration with a new or existing patient seen on a referred basis.				72.5	2	15	1	8	6	5		1287
91020	Home visit of approximately 10 minutes duration with a new or existing patient seen on a referred basis.				74	5	10	10	7	4	5		1260
91230	Consultation in a hospital of approximately 15 minutes duration with a new or existing patient seen on a referred basis.				75	1	15	1	8	6	5		1248
38400	Thoracic cavity, aspiration of, for diagnostic purposes, not being a service associated with a service to which item 38403 applies	288		28.25	76	15	5	10	4	5	5		1190
12003	Skin sensitivity testing for allergens, using more than 20 allergens, not being a service associated with a service to which item 12012, 12015,	1020		43.2	77	5	10	10	6	4	2	CG: Add to list	1120
90720	Consultation in rooms of approximately 10 minutes duration with a new or existing patient seen on a referred basis.				78	2	10	5	7	4	3	CG 1.5.99: Relevant to existing only	918
13839	Arterial puncture and collection of blood for diagnostic purposes	8750		16.9	79.5	5	5	10	6	6	4	CG: Should be additional item for peripheral arterial cannulation. NCCH: Report to MSRB.	900
13915	Chemotherapy, administration of, either by intravenous push technique (directly into a vein, or a butterfly needle, or the side-arm of an infusion) or	62979		47.75	79.5	10	5	5	7	3	6		900
90820	Consultation at a nursing home of approximately 10 minutes duration with a new or existing patient seen on a referred basis.				81.5	2	10	1	7	5	4		828
90920	Consultation at other institution of approximately 10 minutes duration with a new or existing patient seen on a referred basis.				81.5	2	10	1	7	5	4		828
12000	Skin sensitivity testing for allergens, using 1 to 20 allergens, not being a service associated with a service to which item 12012, 12015, 12018 or	3880		28.55	83	5	5	10	6	4	2		800
91220	Consultation in a hospital of approximately 10 minutes duration with a new or existing patient seen on a referred basis.				84	1	10	1	7	5	4		792
13312	Blood for pathology test, collection of, by femoral or external jugular vein puncture in infants=20	270		20.9	85	5	5	5	2	6	5		660



**Paediatric Medicine / Thoracic Medicine**  
**CONFIRMED DATA 12.8.99 - Sorted by Rank**

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaest Time	Schedule Fee	Rank [1-N]	Time Estimates (Mins)			Ratings of Intensity (0-10)			CG Meeting	Rank Formula 1
						Pre Service	Intra Service	Post Service	Cogn skill/ Clin. judg/ Comm skills	Techn skill/ Phys Effort	Stress due to risk		
37041	Bladder aspiration, by needle=20	1996/97	Mins	\$	Based on rank formula	5	5	2	4	4	4		544
11506	Measurement of respiratory function involving a permanently recorded tracing performed before and after inhalation of bronchodilator - each	296769		15.05	87	4	4	2	5	5	1		434
90810	Consultation at a nursing home of approximately 5 minutes duration with a new or existing patient seen on a referred basis.				88.5	2	5	1	6	4	3		429
90910	Consultation at other institution of approximately 5 minutes duration with a new or existing patient seen on a referred basis.				88.5	2	5	1	6	4	3		429
13706	Administration of blood or bone marrow already collected=20	40073		61.25	90	10	0	5	5	1	2		420
91210	Consultation in a hospital of approximately 5 minutes duration with a new or existing patient seen on a referred basis.				91	1	5	1	6	4	3		396
11503	Measurement of the mechanical or gas exchange function of the respiratory system, or of respiratory muscle function, or of ventilatory control	67970		101.75	92.5	6	0	4	6	2	1		290
11512	Continuous measurement of the relationship between flow and volume during expiration or inspiration involving a permanently recorded tracing and	34601		45.4	92.5	6	0	4	6	2	1		290
11509	Measurement of respiratory function involving a permanently recorded tracing and written report, performed before and after inhalation of bronchodilator, with continuous technician attendance in a laboratory	20309		26.2	94	4	0	2	2	2	1	CG: Technician item - needs practice costs study to consider. NCCCH: Report to MSRB.	150

**Endocrinology, General Med, Geriatric Med, Infectious Dis, Immunology, Nuclear Med, Occup Med, Rehab Med, Rheumatology**  
CONFIRMED 4.9.99 - Sorted by Rank

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaest Time	Schedule Fee	Rank	Time Estimates (Mins.)			Ratings of Intensity (0-10)			Weighted Intensity	Formula Value 4.9.99	% Ratio of formula value to item 90761
						Pre Service	Intra service	Post Service	Cogn / Clin judg/ Comm	Tech skill/ Phys Effort	Stress due to risk			
						a	b	c	d	e	f			
91081	Home visit exceeding 75 minutes duration with a new patient seen on a referred basis.				1	10	75	15	9.0	9.2	6.1	18	26201.9	159.1
91082	Home visit exceeding 75 minutes duration with an existing patient seen on a referred basis.				2	8	75	15	9.0	9.2	5.1	17	25017.9	152.0
90881	Consultation at a nursing home exceeding 75 minutes duration with a new patient seen on a referred basis.				3.5	4	75	11	9.0	9.2	6.0	18	24723.5	150.2
90981	Consultation at other institution exceeding 75 minutes duration with a new patient seen on a referred basis.				3.5	4	75	11	9.0	9.2	6.0	18	24723.5	150.2
90781	Consultation in rooms exceeding 75 minutes duration with a new patient seen on a referred basis.				5	3	75	15	9.0	9.0	5.0	17	24316.5	147.7
91281	Consultation in hospital exceeding 75 minutes duration with a new patient seen on a referred basis.				6	3	75	10	9.0	9.0	6.0	18	24304.0	147.6
90782	Consultation in rooms exceeding 75 minutes duration with an existing patient seen on a referred basis.				7	5	75	10	9.0	9.0	5.0	17	23562.5	143.1
90882	Consultation at a nursing home exceeding 75 minutes duration with an existing patient seen on a referred basis.				8.5	3	75	6	9.0	9.2	5.0	17	22740.0	138.1
90982	Consultation at other institution exceeding 75 minutes duration with an existing patient seen on a referred basis.				8.5	3	75	6	9.0	9.2	5.0	17	22740.0	138.1
38256	Temporary transvenous pacemaking electrode, insertion of	448	60	196.15	10	15	60	30	6.0	8.0	8.0	16	22440.0	136.3
91282	Consultation in a hospital of approximately 75 minutes duration with an existing patient seen on a referred basis.				11	2	75	5	9.0	9.0	5.0	17	22337.3	135.7
91071	Home visit of approximately 60 minutes duration with a new patient seen on a referred basis.				12	10	60	15	9.0	9.2	6.1	18	21752.5	132.1
91072	Home visit of approximately 60 minutes duration with an existing patient seen on a referred basis.				13	8	60	15	9.0	9.2	5.1	17	20737.3	126.0
90871	Consultation at a nursing home of approximately 60 minutes duration with a new patient seen on a referred basis.				14.5	4	60	11	9.0	9.2	6.0	18	20291.0	123.2
90971	Consultation at other institution of approximately 60 minutes duration with a new patient seen on a referred basis.				14.5	4	60	11	9.0	9.2	6.0	18	20291.0	123.2
90771	Consultation in rooms of approximately 60 minutes duration with a new patient seen on a referred basis.				16	3	60	15	9.0	9.0	5.0	17	20075.3	121.9
91271	Consultation in hospital of approximately 60 minutes duration with a new patient seen on a referred basis.				17	3	60	10	9.0	9.0	6.0	18	19894.0	120.8
90772	Consultation in rooms of approximately 60 minutes duration with an existing patient seen on a referred basis.				18	5	60	10	9.0	9.0	5.0	17	19321.3	117.4
11918	Cystometry in conjunction with imaging, with measurement of any 1 or more of urine flow rate	11085	15	314.50	19	15	60	25	7.0	7.0	4.0	14	18497.5	112.4
90872	Consultation at a nursing home of approximately 60 minutes duration with an existing patient seen on a referred basis.				20.5	3	60	6	9.0	9.2	5.0	17	18476.3	112.2
90972	Consultation at other institution of approximately 60 minutes duration with an existing patient seen on a referred basis.				20.5	3	60	6	9.0	9.2	5.0	17	18476.3	112.2
91272	Consultation in a hospital of approximately 60 minutes duration with an existing patient seen on a referred basis.				22	2	60	5	9.0	9.0	5.0	17	18096.0	109.9
11912	Cystometry with simultaneous measurement of rectal pressure	3673	15	121.20	23	15	45	20	9.0	9.0	5.0	17	17907.5	108.8
91061	Home visit of approximately 45 minutes duration with a new patient seen on a referred basis.				24	10	45	15	9.0	9.2	6.1	18	17303.1	105.1
90761	Consultation in rooms of approximately 45 minutes duration with a new patient seen on a referred basis.				25	3	45	15	9.0	9.0	6.0	18	16464.0	100.0
91062	Home visit of approximately 45 minutes duration with an existing patient seen on a referred basis.				26	8	45	15	9.0	9.2	4.1	17	15807.9	96.0
90861	Consultation at a nursing home of approximately 45 minutes duration with a new patient seen on a referred basis.				27.5	3	45	8	9.0	9.2	6.0	18	15169.0	92.1

**Endocrinology, General Med, Geriatric Med, Infectious Dis, Immunology, Nuclear Med, Occup Med, Rehab Med, Rheumatology**  
CONFIRMED 4.9.99 - Sorted by Rank

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaest Time	Schedule Fee	Rank	Time Estimates (Mins.)			Ratings of Intensity (0-10)			Weighted Intensity	Formula Value 4.9.99	% Ratio of formula value to item 90761
						Pre Service	Intra service	Post Service	Cogn / Clin judg/ Comm	Tech skill/ Phys Effort	Stress due to risk			
		1996/97	Mins	\$										
90961	Consultation at other institution of approximately 45 minutes duration with a new patient seen on a referred basis.				27.5	3	45	8	9.0	9.2	6.0	18	15169.0	92.1
91261	Consultation in a hospital of approximately 45 minutes duration with a new patient seen on a referred basis.				29	2	45	7	9.0	9.0	6.0	18	14798.0	89.9
90762	Consultation in rooms of approximately 45 minutes duration with an existing patient seen on a referred basis.				30	5	45	10	9.0	9.0	4.0	17	14480.0	87.9
90862	Consultation at a nursing home of approximately 45 minutes duration with an existing patient seen on a referred basis.				31.5	3	45	8	9.0	9.2	4.0	17	14014.0	85.1
90962	Consultation at other institution of approximately 45 minutes duration with an existing patient seen on a referred basis.				31.5	3	45	8	9.0	9.2	4.0	17	14014.0	85.1
91262	Consultation in a hospital of approximately 45 minutes duration with an existing patient seen on a referred basis.				33	2	45	7	9.0	9.0	4.0	17	13665.5	83.0
91051	Home visit of approximately 30 minutes duration with a new patient seen on a referred basis.				34	10	30	10	9.0	9.2	6.1	18	11865.0	72.1
38406	Pericardium, paracentesis of (excluding after-care)	76	30	98.1	35	10	30	10	8.0	8.0	8.0	18	11760.0	71.4
16000	Administration of a therapeutic dose of a radioisotope	398		2300.70	36.5	20	20	20	8.0	6.0	8.0	17	11160.0	67.8
16015	Administration of Strontium 89 for painful bony metastases from carcinoma of the prostate where hormone therapy has	35		3000.00	36.5	20	20	20	8.0	6.0	8.0	17	11160.0	67.8
90751	Consultation in rooms of approximately 30 minutes duration with a new patient seen on a referred basis.				38	3	30	10	9.0	9.0	6.0	18	11074.0	67.3
13290	Semen, collection of, from a patient with spinal injuries or medically induced impotence	1		150.00	39	15	30	20	7.0	7.0	4.0	14	10947.5	66.5
91052	Home visit of approximately 30 minutes duration with an existing patient seen on a referred basis.				40	7	30	10	8.5	8.7	4.1	16	10252.1	62.3
16012	Intravenous administration of a therapeutic dose of Phosphorous 32	86		216.70	41	20	20	15	8.0	6.0	8.0	17	10230.0	62.1
90752	Consultation in rooms of approximately 30 minutes duration with an existing patient seen on a referred basis.				42	5	30	10	8.5	8.5	4.0	16	9976.3	60.6
90851	Consultation at a nursing home of approximately 30 minutes duration with a new patient seen on a referred basis.				43.5	3	30	4	9.0	9.2	6.0	18	9948.5	60.4
90951	Consultation at other institution of approximately 30 minutes duration with a new patient seen on a referred basis.				43.5	3	30	4	9.0	9.2	6.0	18	9948.5	60.4
30094	Percutaneous aspiration biopsy of deep organ using interventional techniques - but not including imaging	13497	30	139.10	45	15	20	15	8.0	6.0	8.0	17	9765.0	59.3
16003	Intra-cavitary administration of a therapeutic dose of Yttrium 90 (not including preliminary paracentesis)	228	30	477.70	46	10	20	15	7.0	8.0	9.0	18	9675.0	58.8
91251	Consultation in a hospital of approximately 30 minutes duration with a new patient seen on a referred basis.				47	2	30	3	9.0	9.0	6.0	18	9604.0	58.3
13818	Right heart balloon catheter, insertion of, pulmonary wedge pressure and cardiac output measurement	5900	30	83.55	48	10	25	5	8.0	9.0	8.0	19	9547.5	58.0
16006	Administration of a therapeutic dose of Iodine 131 for thyroid cancer by single dose technique	239		367.00	49	20	20	20	7.0	4.0	6.0	14	9060.0	55.0
90852	Consultation at a nursing home of approximately 30 minutes duration with a new patient seen on a referred basis.				50.5	3	30	4	8.5	8.7	4.0	16	8812.3	53.5
90952	Consultation at other institution of approximately 30 minutes duration with an existing patient seen on a referred basis.				50.5	3	30	4	8.5	8.7	4.0	16	8812.3	53.5
91252	Consultation in a hospital of approximately 30 minutes duration with an existing patient seen on a referred basis.				52	2	30	3	8.5	8.5	4.0	16	8501.5	51.6
38403	Thoracic cavity, aspiration of, with therapeutic drainage (paracentesis), with or without diagnostic sample	1861		56.5	53	10	30	7	6.0	5.0	6.0	13	8322.0	50.5
91040	Home visit of approximately 20 minutes duration with a new or existing patient seen on a referred basis.				54	7	20	10	8.5	8.7	5.1	17	7949.6	48.3
13815	Central vein catheterisation (via jugular, subclavian or femoral vein) by percutaneous or open exposure	17545	30	62.6	55	10	20	5	8.0	8.0	8.0	18	7840.0	47.6

**Endocrinology, General Med, Geriatric Med, Infectious Dis, Immunology, Nuclear Med, Occup Med, Rehab Med, Rheumatology**  
CONFIRMED 4.9.99 - Sorted by Rank

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaest Time	Schedule Fee	Rank	Time Estimates (Mins.)			Ratings of Intensity (0-10)			Weighted Intensity	Formula Value 4.9.99	% Ratio of formula value to item 90761
						Pre Service	Intra service	Post Service	Cogn / Clin judg/ Comm	Tech skill/ Phys Effort	Stress due to risk			
		1996/97	Mins	\$										
11712	Multi channel ECG monitoring and recording during exercise	217801		111.65	56	10	20	8	8.0	6.0	7.0	16	7675.5	46.6
12203	Overnight investigation for sleep apnoea for a period of at least 8 hours duration	27484		436.05	57	5	10	30	6.0	8.0	5.0	14	7291.3	44.3
13400	Restoration of cardiac rhythm by electrical stimulation (cardioversion), other than in the course of cardiac surgery	2030	15	71.10	58	10	15	10	9.0	3.0	9.0	17	7068.8	42.9
38409	Intercostal drain, insertion of, not involving resection of rib (excluding after-care)	1343	30	98.1	59	10	15	10	7.0	8.0	8.0	17	6975.0	42.4
90740	Consultation in rooms of approximately 20 minutes duration with a new or existing patient seen on a referred basis.				60	5	20	5	8.5	8.5	5.0	17	6787.5	41.2
90840	Consultation at a nursing home of approximately 20 minutes duration with a new or existing patient seen on a referred				61.5	3	20	4	8.5	8.7	5.0	17	6461.0	39.2
90940	Consultation at other institution of approximately 20 minutes duration with a new or existing patient seen on a referred				61.5	3	20	4	8.5	8.7	5.0	17	6461.0	39.2
11903	Cystometry	1223		81.55	63	5	20	10	7.0	6.0	4.0	13	6205.0	37.7
91240	Consultation in a hospital of approximately 20 minutes duration with a new or existing patient seen on a referred				64	2	20	3	8.5	8.5	5.0	17	6154.0	37.4
18292	Nerve branch, destruction by a neurolytic agent	2287		91.70	65	5	20	5	6.0	7.0	7.0	15	6131.3	37.2
18232	Intrathecal or epidural injection of substance other than anaesthetic, contrast or neurolytic solutions	1819		139.45	66	10	15	10	5.0	7.0	7.0	14	5756.3	35.0
13939	Implanted pump or reservoir, loading of, with a therapeutic agent or agents,	1490		71.90	67	5	15	10	6.0	8.0	6.0	15	5635.0	34.2
39000	Lumbar puncture	3734	15	55.25	68	10	15	10	6.0	7.0	5.0	13	5568.8	33.8
50115	Joint or joints, manipulation of, performed in the operating theatre of a hospital or approved day hospital facility	2204	30	103.75	69	15	10	10	6.0	7.0	7.0	15	5313.8	32.3
12503	Erythrocyte radioactive uptake survival time test or iron kinetic test	24		311.95	70	15	10	15	7.0	7.0	2.0	12	5100.0	31.0
30478	Oesophagoscopy, gastroscopy, duodenoscopy or panendoscopy (1 or more such procedures), with 1 or more	2220	30	180.35	71	5	20	5	5.0	6.0	5.0	12	5006.3	30.4
14206	Hormone or living tissue implantation - by cannula	16703		26.15	72	5	20	5	5.0	5.0	4.0	11	4537.5	27.6
16009	Administration of a therapeutic dose of Iodine 131 for thyrotoxicosis by single dose technique	2418		250.50	73	20	10	5	6.0	4.0	7.0	13	4455.0	27.1
12306	Bone densitometry using dual energy X-ray absorptiometry - diagnosis of low bone mineral density	23484		77.30	77	5	30	5	4.0	4.0	1.0	7	4383.8	26.6
12309	Bone densitometry using quantitative computerised tomography, for diagnosis of low bone mineral density	1612		77.30	77	5	30	5	4.0	4.0	1.0	7	4383.8	26.6
12312	Bone densitometry using dual energy X-ray absorptiometry, for the diagnosis and monitoring of bone loss	17985		77.30	77	5	30	5	4.0	4.0	1.0	7	4383.8	26.6
12315	Bone densitometry using dual energy X-ray absorptiometry, for the diagnosis and monitoring of bone loss associated with	5418		77.30	77	5	30	5	4.0	4.0	1.0	7	4383.8	26.6
12318	Bone densitometry using quantitative computerised tomography, for the diagnosis and monitoring of bone loss	1707		77.30	77	5	30	5	4.0	4.0	1.0	7	4383.8	26.6
12321	Bone densitometry using dual energy X-ray absorptiometry, for the measurement of bone density 12 months following a	3446		77.30	77	5	30	5	4.0	4.0	1.0	7	4383.8	26.6
12324	Bone densitometry using dual energy X-ray absorptiometry and quantitative computerised tomography for the monitoring of	921		5.73	77	5	30	5	4.0	4.0	1.0	7	4383.8	26.6
30473	Oesophagoscopy, gastroscopy, duodenoscopy or panendoscopy (1 or more such procedures), with or without	195862	15	130.05	81	5	15	5	5.0	6.0	6.5	13	4342.5	26.4
30409	Liver biopsy, percutaneous	1662	30	128.15	82	10	10	5	6.0	6.0	8.0	15	4150.0	25.2
18256	Suprascapular nerve, injection of an anaesthetic agent	355		45.85	83	10	10	5	6.0	7.0	7.0	15	4087.5	24.8

**Endocrinology, General Med, Geriatric Med, Infectious Dis, Immunology, Nuclear Med, Occup Med, Rehab Med, Rheumatology**  
CONFIRMED 4.9.99 - Sorted by Rank

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaest Time	Schedule Fee	Rank	Time Estimates (Mins.)			Ratings of Intensity (0-10)			Weighted Intensity	Formula Value 4.9.99	% Ratio of formula value to item 90761
						Pre Service	Intra service	Post Service	Cogn / Clin judg/ Comm	Tech skill/ Phys Effort	Stress due to risk			
		1996/97	Mins	\$										
90730	Consultation in rooms of approximately 15 minutes duration with a new or existing patient seen on a referred basis.				84	3	15	3	7.0	7.0	4.0	14	4077.0	24.8
13918	Chemotherapy, administration of, by intravenous infusion of more than 1-6 hours	25256		71.9	85	10	15	5	5.0	3.0	5.0	10	3851.3	23.4
11312	Audiogram, air and bone conduction or air conduction and speech discrimination			28.15	86	5	15	8	5.0	5.0	2.0	9	3498.0	21.2
38400	Thoracic cavity, aspiration of, for diagnostic purposes	288		28.25	87	10	10	5	5.0	4.0	6.0	12	3275.0	19.9
12000	Skin sensitivity testing for allergens, using 1 to 20 allergens	37541		28.55	89	2	15	5	7.5	2.0	0.5	9	2985.4	18.1
12003	Skin sensitivity testing for allergens, using more than 20 allergens	66755		43.20	89	2	15	5	7.5	2.0	0.5	9	2985.4	18.1
12530	Whole body count - not being a service associated with a service to which another item applies	39		93.00	90	10	5	10	7.0	5.0	2.0	11	2835.0	17.2
30406	Paracentesis abdominis	1507	30	38.3	91	10	10	5	5.0	4.0	3.0	9	2712.5	16.5
30207	Skin lesions, multiple injections with hydrocortisone or similar preparations	26614	30	32.75	93	5	10	5	4.0	6.0	4.0	10	2610.0	15.9
50124	Joint or other synovial cavity, aspiration of, injection into	364022	15	21.75	93	5	10	5	4.0	6.0	4.0	10	2610.0	15.9
50125	Joint or other synovial cavity, aspiration of, or injection into, where it can be demonstrated that a 26th or subsequent	0	15	21.75	93	5	10	5	4.0	6.0	4.0	10	2610.0	15.9
32072	Sigmoidoscopic examination (with rigid sigmoidoscope), with or without biopsy	80917		35.15	95	5	10	2	5.0	5.0	5.0	11	2505.8	15.2
12015	Epicutaneous patch testing for allergic dermatitis - standard patch test battery	1449		45.80	96	5	5	15	7.5	0.5	0.5	8	2431.3	14.8
11309	Audiogram, air conduction			19.90	97	3	10	5	5.0	5.0	2.0	9	2279.0	13.8
11708	Continuous ECG recording of ambulatory patient for 12 or more hours	4088		93.85	98.5	2	8	5	6.0	4.0	2.0	10	1998.0	12.1
11709	Continuous ECG recording (Holter) of ambulatory patient for 12 or more hours	61710		122.95	98.5	2	8	5	6.0	4.0	2.0	10	1998.0	12.1
11900	Urine flow study including peak urine flow measurement, not being a service.. 11918 applies	23486		20.25	100	10	5	10	5.0	3.0	1.0	7	1991.3	12.1
12524	Renal function test (without imaging procedure)	395		116.25	101.5	5	5	5	6.0	6.0	3.0	11	1927.5	11.7
12527	Renal function test (with imaging and at least 2 blood samples)	835		62.35	101.5	5	5	5	6.0	6.0	3.0	11	1927.5	11.7
12500	Blood volume estimation	365		159.00	103.5	5	5	10	4.0	5.0	2.0	8	1920.0	11.7
12509	Gastrointestinal protein loss	8		159.00	103.5	5	5	10	4.0	5.0	2.0	8	1920.0	11.7
11700	Twelve-lead electrocardiography, tracing and report	1222245		22.90	105	5	8	4	6.0	3.0	1.0	8	1822.3	11.1
12515	Radioactive B12 absorption test - 2 isotopes	1161		168.85	106	5	2	10	6.0	5.0	2.0	10	1798.0	10.9
12512	Radioactive B12 absorption test - 1 isotope	522		77.05	107	5	2	10	5.0	4.0	2.0	9	1565.5	9.5
12521	Perchlorate discharge study	3		93.00	108	3	5	5	6.0	4.0	2.0	10	1554.0	9.4
11509	Measurement of respiratory function involving a permanently recorded tracing and written report	20309		26.20	109	3	9	5	3.0	3.0	1.0	5	1370.0	8.3
12533	Carbon-labelled urea breath test using oral C-13 or C-14 urea, including the measurement of exhaled 13CO2 or	44841		62.10	110	4	4	5	5.0	4.0	2.0	9	1313.0	8.0

**Endocrinology, General Med, Geriatric Med, Infectious Dis, Immunology, Nuclear Med, Occup Med, Rehab Med, Rheumatology**  
CONFIRMED 4.9.99 - Sorted by Rank

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaest Time	Schedule Fee	Rank	Time Estimates (Mins.)			Ratings of Intensity (0-10)			Weighted Intensity	Formula Value 4.9.99	% Ratio of formula value to item 90761
						Pre Service	Intra service	Post Service	Cogn / Clin judg/ Comm	Tech skill/ Phys Effort	Stress due to risk			
		1996/97	Mins	\$										
11506	Measurement of respiratory function involving a permanently recorded tracing	296769		15.05	111	3	9	3	3.0	3.0	1.0	5	1233.0	7.5
11710	Ambulatory ECG monitoring, patient activated ..recording for at least 20 seconds	2169		38	112.5	2	5	3	5.0	5.0	2.0	9	1219.0	7.4
11711	Ambulatory ECG monitoring for 12 hours or more, patient activated.. recording for at least 30 seconds	216		20.8	112.5	2	5	3	5.0	5.0	2.0	9	1219.0	7.4
12518	Thyroid uptake (using probe)	7		77.05	114	5	2	5	5.0	3.0	2.0	8	1008.0	6.1
13839	Arterial puncture and collection of blood for diagnostic purposes	8750		16.9	115	2	3	2	3.0	4.0	3.0	7	663.8	4.0
11702	Twelve-lead electrocardiography, tracing only	37630		11.45	116	5	8	0	0.5	3.0	0.5	2	576.4	3.5
11701	Twelve-lead electrocardiography, report only	22334		11.45	117	0	0	4	6.0	0.0	1.0	7	334.0	2.0

## **Attachment 3**

### **Link Item Rankings and Times Estimates**

Link Items for Consensus Groups 16 & 17

		CG Rank (1-94)	Link Item Rank (1-56)	Time Estimates (Mins.)			CG Rank (1-117)	Link Item Rank (1-56)	Time Estimates (Mins.)			(C)onsult or (P)roc Item	
				Pre Service	Intra service	Post Service			Pre Service	Intra service	Post Service		
		<b>SPECIALTY 16 (Paed/Thoracic Med)</b>						<b>SPECIALTY 17 (Gen Medicine....)</b>					
91081	Home visit exceeding 75 minutes duration with a new patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or work content	2	1	8	75	25	1	1	10	75	15	C	
90781	Consultation in rooms exceeding 75 minutes duration with a new patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or work content	3	2	5	75	20	5	5	3	75	15	C	
90881	Consultation in a nursing home exceeding 75 minutes duration with a new patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or work content	4.5	3.5	7	75	10	3.5	3.5	4	75	11	C	
90981	Consultation in an institution exceeding 75 minutes duration with a new patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or work content	4.5	3.5	7	75	10	3.5	3.5	4	75	11	C	
91281	Consultation in a hospital exceeding 75 minutes duration with a new patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or work content	6	5	6	75	10	6	6	3	75	10	C	
91082	Home visit exceeding 75 minutes duration with an existing patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or work content	7	6	8	75	25	2	2	8	75	15	C	
90782	Consultation in rooms exceeding 75 minutes duration with an existing patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or work content	8	7	5	75	20	7	7	5	75	10	C	
90882	Consultation in a nursing home exceeding 75 minutes duration with an existing patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or work content	10.5	8.5	2	75	3	8.5	8.5	3	75	6	C	
90982	Consultation in an institution exceeding 75 minutes duration with an existing patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or work content	10.5	8.5	2	75	3	8.5	8.5	3	75	6	C	
91282	Consultation in a hospital exceeding 75 minutes duration with an existing patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or work content	12	10	1	75	3	11	10	2	75	5	C	
91071	Home visit of approximately 60 minutes duration with a new patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or work content	13	11	8	60	20	12	11	10	60	15	C	
90871	Consultation in a nursing home of approximately 60 minutes duration with a new patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or work content	14.5	12.5	6	60	9	14.5	13.5	4	60	11	C	
90971	Consultation in an institution of approximately 60 minutes duration with a new patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or work content	14.5	12.5	6	60	9	14.5	13.5	4	60	11	C	



Link Items for Consensus Groups 16 & 17

		CG Rank (1-94)	Link Item Rank (1-56)	Time Estimates (Mins.)			CG Rank (1-117)	Link Item Rank (1-56)	Time Estimates (Mins.)			(C)onsult or (P)roc Item
				Pre Service	Intra service	Post Service			Pre Service	Intra service	Post Service	
				<b>SPECIALTY 16 (Paed/Thoracic Med)</b>					<b>SPECIALTY 17 (Gen Medicine....)</b>			
90771	Consultation in rooms of approximately 60 minutes duration with a new patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or	16	14	5	60	15	16	15	3	60	15	C
91271	Consultation in a hospital of approximately 60 minutes duration with a new patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or	17	15	5	60	9	17	16	3	60	10	C
91072	Home visit of approximately 60 minutes duration with an existing patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or work content	18	16	8	60	20	13	12	8	60	15	C
90772	Consultation in rooms of approximately 60 minutes duration with an existing patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or	19	17	5	60	15	18	17	5	60	10	C
90872	Consultation in a nursing home of approximately 60 minutes duration with an existing patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous	20.5	18.5	2	60	3	20.5	18.5	3	60	6	C
90972	Consultation in an institution of approximately 60 minutes duration with an existing patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or	20.5	18.5	2	60	3	20.5	18.5	3	60	6	C
91272	Consultation in a hospital of approximately 60 minutes duration with an existing patient where the clinical record demonstrates that the consultation involves professional activities of clear and unambiguous complexity and/or	22	20	1	60	3	22	20	2	60	5	C
91061	Home visit of approximately 45 minutes duration with a new patient where the clinical record demonstrates that the consultation is characterised by the application of a full range of professional consulting and other skills to the	25	21	5	45	20	24	21	10	45	15	C
91062	Home visit of approximately 45 minutes duration with an existing patient where the clinical record demonstrates that the consultation is characterised by the application of a full range of professional consulting and other skills to	26	22	8	45	20	26	23	8	45	15	C
90761	Consultation in rooms of approximately 45 minutes duration with a new patient where the clinical record demonstrates that the consultation is characterised by the application of a full range of professional consulting and	28	23	2	45	15	25	22	3	45	15	C
90861	Consultation in a nursing home of approximately 45 minutes duration with a new patient where the clinical record demonstrates that the consultation is characterised by the application of a full range of	29.5	24.5	5	45	5	27.5	24.5	3	45	8	C
90961	Consultation in an institution of approximately 45 minutes duration with a new patient where the clinical record demonstrates that the consultation is characterised by the application of a full range of professional consulting and	29.5	24.5	5	45	5	27.5	24.5	3	45	8	C
91261	Consultation in a hospital of approximately 45 minutes duration with a new patient where the clinical record demonstrates that the consultation is characterised by the application of a full range of professional consulting and	32	26	4	45	5	29	26	2	45	7	C

Link Items for Consensus Groups 16 & 17

		CG Rank (1-94)	Link Item Rank (1-56)	Time Estimates (Mins.)			CG Rank (1-117)	Link Item Rank (1-56)	Time Estimates (Mins.)			(C)onsult or (P)roc Item
				Pre Service	Intra service	Post Service			Pre Service	Intra service	Post Service	
				<b>SPECIALTY 16 (Paed/Thoracic Med)</b>					<b>SPECIALTY 17 (Gen Medicine....)</b>			
90762	Consultation in rooms of approximately 45 minutes duration with an existing patient where the clinical record demonstrates that the consultation is characterised by the application of a full range of professional consulting and	34	27	5	45	15	30	27	5	45	10	C
90862	Consultation in a nursing home of approximately 45 minutes duration with an existing patient where the clinical record demonstrates that the consultation is characterised by the application of a full range of	35.5	28.5	2	45	3	31.5	28.5	3	45	8	C
90962	Consultation in an institution of approximately 45 minutes duration with an existing patient where the clinical record demonstrates that the consultation is characterised by the application of a full range of professional consulting and	35.5	28.5	2	45	3	31.5	28.5	3	45	8	C
91262	Consultation in a hospital of approximately 45 minutes duration with an existing patient where the clinical record demonstrates that the consultation is characterised by the application of a full range of professional consulting and	37	30	1	45	3	33	30	2	45	7	C
91051	Home visit of approximately 30 minutes duration with a new patient where the clinical record demonstrates that more than two of the following professional work activities were rendered: a comprehensive consultative history	39	31	5	30	15	34	31	10	30	10	C
91052	Home visit of approximately 30 minutes duration with an existing patient where the clinical record demonstrates that more than two of the following professional work activities were rendered: a comprehensive	40	32	7	30	15	40	33	7	30	10	C
38409	Intercostal drain, insertion of, not involving resection of rib (excluding after-care)=20	42	33	20	20	20	59	44	10	15	10	P
90851	Consultation in a nursing home of approximately 30 minutes duration with a new patient where the clinical record demonstrates that more than two of the following professional work activities were rendered: a	43.5	34.5	4	30	5	43.5	35.5	3	30	4	C
90951	Consultation in an institution of approximately 30 minutes duration with a new patient where the clinical record demonstrates that more than two of the following professional work activities were rendered: a	43.5	34.5	4	30	5	43.5	35.5	3	30	4	C
90751	Consultation in rooms of approximately 30 minutes duration with a new patient where the clinical record demonstrates that more than two of the following professional work activities were rendered: a	45	36	2	30	10	38	32	3	30	10	C
91251	Consultation in a hospital of approximately 30 minutes duration with a new patient where the clinical record demonstrates that more than two of the following professional work activities were rendered: a	46	37	3	30	5	47	37	2	30	3	C
38403	Thoracic cavity, aspiration of, with therapeutic drainage (paracentesis), with or without diagnostic sample=20	47	38	15	30	10	53	41	10	30	7	P
90752	Consultation in rooms of approximately 30 minutes duration with an existing patient where the clinical record demonstrates that more than two of the following professional work activities were rendered: a	48	39	4	30	10	42	34	5	30	10	C

Link Items for Consensus Groups 16 & 17

		CG Rank (1-94)	Link Item Rank (1-56)	Time Estimates (Mins.)			CG Rank (1-117)	Link Item Rank (1-56)	Time Estimates (Mins.)			(C)onsult or (P)roc Item
				Pre Service	Intra service	Post Service			Pre Service	Intra service	Post Service	
				<b>SPECIALTY 16 (Paed/Thoracic Med)</b>					<b>SPECIALTY 17 (Gen Medicine....)</b>			
90852	Consultation in a nursing home of approximately 30 minutes duration with an existing patient where the clinical record demonstrates that more than two of the following professional work activities were rendered:	52.5	40.5	2	30	3	50.5	38.5	3	30	4	C
90952	Consultation in an institution of approximately 30 minutes duration with an existing patient where the clinical record demonstrates that more than two of the following professional work activities were rendered:	52.5	40.5	2	30	3	50.5	38.5	3	30	4	C
91252	Consultation in a hospital of approximately 30 minutes duration with an existing patient where the clinical record demonstrates that more than two of the following professional work activities were rendered:	54	42	1	30	3	52	40	2	30	3	C
91040	Home visit of approximately 20 minutes duration where the clinical record demonstrates that more than two of the professional work activities of the type described in Item 91030 were rendered and that the consultation was o	55.5	43	5	20	13	54	42	7	20	10	C
90740	Consultation in rooms of approximately 20 minutes duration where the clinical record demonstrates that more than two of the professional work activities of the type described in Item 90730 were rendered and that the	59.5	44	2	20	8	60	45	5	20	5	C
90840	Consultation in a nursing home of approximately 20 minutes duration where the clinical record demonstrates that more than two of the professional work activities of the type described in Item 90830 were rendered and that	62.5	45.5	3	20	2	61.5	46.5	3	20	4	C
90940	Consultation in an institution of approximately 20 minutes duration where the clinical record demonstrates that more than two of the professional work activities of the type described in Item 90930 were rendered and that the	62.5	45.5	3	20	2	61.5	46.5	3	20	4	C
12203	Overnight investigation for sleep apnoea for a period of at least 8 hours duration where:(a) continuous monitoring of oxygen saturation and breathing using a multi-channel polvaranb and recordings of EEG_FOG_submental	65.5	47	15	0	45	57	43	5	10	30	P
91240	Consultation in a hospital of approximately 20 minutes duration where the clinical record demonstrates that more than two of the professional work activities of the type described in Item 91230 were rendered and that the	67.5	48	2	20	2	64	48	2	20	3	C
90730	Consultation in rooms of approximately 15 minutes duration where the clinical record demonstrates that more than two of the following professional work activities were rendered: taking a problem focused history: a	70	49	2	15	5	84	50	3	15	3	C
39000	Lumbar puncture	71	50	10	10	5	68	49	10	15	10	P
38400	Thoracic cavity, aspiration of, for diagnostic purposes, not being a service associated with a service to which item 38403 applies	76	51	15	5	10	87	51	10	10	5	P
12003	Skin sensitivity testing for allergens, using more than 20 allergens, not being a service associated with a service to which item 12012, 12015, 12018 or 12021 applies	77	52	5	10	10	89	53	2	15	5	P

Link Items for Consensus Groups 16 & 17

		CG Rank (1-94)	Link Item Rank (1-56)	Time Estimates (Mins.)			CG Rank (1-117)	Link Item Rank (1-56)	Time Estimates (Mins.)			(C)onsult or (P)roc Item
				Pre Service	Intra service	Post Service			Pre Service	Intra service	Post Service	
				<b>SPECIALTY 16 (Paed/Thoracic Med)</b>					<b>SPECIALTY 17 (Gen Medicine....)</b>			
13839	Arterial puncture and collection of blood for diagnostic purposes	79.5	53	5	5	10	115	56	2	3	2	P
12000	Skin sensitivity testing for allergens, using 1 to 20 allergens, not being a service associated with a service to which item 12012, 12015, 12018 or 12021 applies	83	54	5	5	10	89	53	2	15	5	P
11506	Measurement of respiratory function involving a permanently recorded tracing performed before and after inhalation of bronchodilator - each occasion at which 1 or more such tests are performed	87	55	4	4	2	111	55	3	9	3	P
11509	Measurement of respiratory function involving a permanently recorded tracing and written report, performed before and after inhalation of bronchodilator, with continuous technician attendance in a laboratory	94	56	4	0	2	109	54	3	9	5	P

## **Attachment 4**

### **Theatre Times**

**Professional Relativities Study**

**THEATRE TIMES**

**GENERAL MEDICINE / ENDOCRINOLOGY /  
INFECTIOUS DISEASES / NUCLEAR MEDICINE /  
IMMUNOLOGY / OCCUPATIONAL MEDICINE /  
RHEUMATOLOGY / REHABILITATION MEDICINE /  
PAEDIATRIC MEDICINE AND THORACIC MEDICINE  
(16\_17)**

**October 1999**

**National Centre for Classification in Health**

**COMPARISON OF GENERAL MED / ENDOCRINOLOGY / GERIATRICS / INFECTIOUS DISEASES / NUCLEAR MED  
/ IMMUNOLOGY / OCCUPATIONAL MED / RHEUMATOLOGY / REHABILITATION MED / PAEDIATRIC MED AND  
THORACIC MED (16\_17) INTRA TIMES WITH OTHER ESTIMATES**

Time	OTHER TIME ESTIMATE (OTE)			No. of items in common	Average Time in Minutes		Ratio 100 x 16_17/OTE
	ID	Type	Definition of Time *		16_17	OTE	
OST	H4	Priv	Knife to Skin -to- Dressing Applied	6	19.7	20.0	98.4
	H6	Priv	Knife to Skin -to- Drapes Removed	1	10.0	20.0	50.0
	H11	Priv	Pt Prepped -to- Drapes Remover	5	17.0	28.6	59.4
OPERATION TIME ** (OPT)	H1	Priv	Pt Positioned -to- Drapes Removed	7	18.3	14.4	126.7
	H8	Priv	Pt Positioned -to- Drapes Removed	7	20.0	18.6	107.3
	H10	Priv	Pt Positioned -to- Drapes Removed	4	23.8	19.1	124.1
	H13	Priv	Pt Positioned -to- Drapes Removed	3	30.0	28.7	104.5
	H15	Priv	Pt Positioned -to- Drapes Removed	13	23.3	23.1	100.9
	H16	Pub	Pt Positioned -to- Dressing Applied	12	25.0	25.3	98.7
	H17	Pub	Surgeon with Pt -to- Drapes Removed	7	14.7	26.6	55.3
	H18	Priv	Pt Positioned -to- Drapes Removed	14	22.5	17.6	127.7
	H19	Pub	Pt Positioned -to- Dressing Applied	12	20.8	16.5	126.3
	H20	Pub	Pt Positioned -to- Dressing Applied	16	19.6	15.7	124.6
	APHA	Priv	Surgeon with Pt -to- Surgeon Leaves Pt	10	24.8	30.6	81.0
	CANS	Pub & Priv	Surgeon with Pt -to- Surgeon Leaves Pt	10	23.0	23.2	99.1
Deloitte	Pub & Priv	Pt Positioned -to- Drapes Remover	8	16.6	23.4	71.1	
OPERATION TIME 2 (OPT 2)	H8	Priv	Pt Positioned -to- Trans. to Recovery Staff	8	18.8	19.8	94.7
	H9A	Priv	Pt Positioned -to- Trans. to Recovery Staff	10	18.6	28.7	64.9
	H9B	Priv/Day	Pt Positioned -to- Trans. to Recovery Staff	7	22.1	13.8	160.8
	H13	Priv	Pt Positioned -to- Trans. to Recovery Staff	4	27.5	33.6	81.8
	H15	Priv	Pt Positioned -to- Trans. to Recovery Staff	13	23.3	25.3	92.2
	H16	Pub	Pt Positioned -to- Trans. to Recovery Staff	12	25.0	29.2	85.6
	H17	Pub	Surgeon with Pt -to- Trans. to Recovery Staff	8	14.8	30.6	48.2
	H18	Priv	Pt Positioned -to- Trans. to Recovery Staff	15	21.3	18.1	117.7
	H19	Pub	Pt Positioned -to- Trans. to Recovery Staff	12	20.8	20.9	99.5
	H20	Pub	Pt Positioned -to- Trans. to Recovery Staff	17	20.2	21.5	94.0
CANS	Pub & Priv	Surgeon with Pt -to- Trans. to Recovery Staf	10	23.0	26.7	86.1	
ANAESTHETIC TIME (OAT)	H1	Priv	Prep. Anaes. -to- Drapes Removed	7	18.3	19.2	95.1
	H4	Priv	Anaesthetist with Pt -to- Dressing Applied	8	17.3	27.3	63.2
	H6	Priv	Prep. Anaes. -to- Drapes Removed	1	10.0	25.0	40.0
	H8	Priv	Prep. Anaes. -to- Drapes Removed	7	20.0	23.6	84.8
	H10	Priv	Prep. Anaes. -to- Drapes Removed	4	23.8	23.7	100.1
	H13	Priv	Anaesthetist with Pt -to- Drapes Removed	4	27.5	34.9	78.7
	H15	Priv	Induction of Anaes -to- Drapes Removed	13	23.3	25.7	90.8
	H16	Pub	Prep. Anaes. -to- Dressing Applied	13	24.2	35.3	68.6
	H17	Pub	Prep. Anaes. -to- Drapes Removed	6	14.2	38.4	36.9
	H18	Priv	Anaesthetist with Pt -to- Drapes Removed	15	22.0	20.2	109.0
	H19	Pub	Prep. Anaes. -to- Dressing Applied	13	20.6	25.1	82.2
	H20	Pub	Prep. Anaes. -to- Dressing Applied	15	17.9	26.0	68.8
	CANS	Pub & Priv	Prep. Anaes. -to- Surg.Leaves Pt	10	23.0	26.9	85.5
Deloitte	Pub & Priv	Induction of Anaes. -to- Drapes Remove	7	16.1	23.3	69.3	
ANAESTHETIC TIME 2 (OAT 2)	MBS	Pub & Priv	Anaesthetic Time Units as per MBS Schedule	28	26.7	34.3	77.9
	H5	Priv	Prep. Anaes -to- Trans. to Recovery Staff	3	15.0	22.7	66.2
	H7	Priv/Day	Prep. Anaes. -to- Trans. to Recovery Staff	7	20.0	15.3	130.5
	H8	Priv	Prep. Anaes -to- Trans. to Recovery Staff	7	20.0	26.6	75.3
	H9A	Priv	Prep. Anaes. -to- Trans. to Recovery Staff	10	18.6	33.2	56.1
	H9B	Priv/Day	Prep. Anaes. -to- Trans. to Recovery Staff	8	21.3	22.2	95.7
	H11	Priv	Prep. Anaes -to- Trans. to Recovery Staff	6	17.5	36.2	48.4
	H12	Pub	Prep. Anaes. -to- Trans. to Recovery Staff	2	17.5	28.9	60.6
	H14	Pub	Prep. Anaes. -to- Trans. to Recovery Staff	20	22.9	46.4	49.3
	H15	Priv	Induction of Anaes. -to- Trans. to Recovery Staff	13	23.3	27.9	83.6
	H16	Pub	Prep. Anaes. -to- Trans. to Recovery Staff	12	25.0	37.6	66.6
	H17	Pub	Prep. Anaes. -to- Trans. to Recovery Staff	6	14.2	44.8	31.7
	H19	Pub	Prep. Anaes -to- Trans. to Recovery Staff	14	23.4	31.9	73.5
	H20	Pub	Prep. Anaes. -to- Trans. to Recovery Staff	16	19.6	31.8	61.4
	CANS	Pub & Priv	Prep. Anaes. -to- Trans. to Recovery Staff	10	23.0	30.4	75.6
WAGroup	Priv	Induction of Anaes. -to- Trans. to Recovery Staf	23	21.7	22.8	94.8	
TIME IN THEATRE (THT)	H2	Priv	Anaesthetist with Pt -to- Trans.to Recovery Staff	13	23.5	28.1	83.6
	H3	Priv	Anaesthetist with Pt -to- Trans.to Recovery Staff	1	15.0	10.8	139.5
	H11	Priv	Anaesthetist with Pt -to- Trans. from Recovery	6	17.5	51.3	34.1
	H13	Priv	Anaesthetist with Pt -to- Trans.to Recovery Staff	4	27.5	38.6	71.2
	H15	Priv	Anaesthetist with Pt -to- Trans.to Recovery Staff	13	23.3	37.8	61.6
	H18	Priv	Anaesthetist with Pt -to- Trans.to Recovery Staff	14	19.3	23.9	80.9
	H19	Pub	Pt. Arrives in Theatre -to- Trans.to Recovery Staff	14	23.4	47.1	49.7
	C'mix	Pub	Anaesthetist with Pt -to- Trans.to Recovery Staff	23	20.9	25.9	80.8
	C'mix	Priv	Anaesthetist with Pt -to- Trans.to Recovery Staff	27	21.5	22.1	97.4
	C'mix Othe	Day & Other	Anaesthetist with Pt -to- Trans.to Recovery Staf	11	20.7	17.1	121.1

\* Definition of Time  
- see Attachment A

\*\* Median ratio of 16\_17 intra time estimates to OPT  
Unweighted = 104.5 %  
Weighted (for number of items in common) = 104.5 %

**THEATRE TIMES DEFINITIONS - STANDARDISED FROM HOSPITALS AND OTHER SOURCES**

PATH - WAYS	FOR	SURGEON AND ANAESTH	PT ENTER OP SUITE	PT ENTERS ANAESTHETIC BAY OR OP ROOM											End Of Time	XFER TO RECOV	XFER FROM RECOV
				Anaesth. arrives to talk to pt	prepares pt for anaes- cannula/ lines insertion	Commence admin/ induction of anaes	Surg. With pt after anaes induction	Pt is position	Pt is draped	Pt is prep'ed	Knife to skin	Wound Closure	Dressing Applied	Drapes Removed			
ID	Time	Type															
Hosp4	H4OST	Priv															
Hosp6	H6OST	Priv															
Hosp11	H11OST	Priv															
Hosp1	H1OPT	Priv															
Hosp8	H8OPT	Priv															
Hosp10	H10OPT	Priv															
Hosp13	H13OPT	Priv															
Hosp15	H15OPT	Priv															
Hosp16	H16OPT	Pub															
Hosp17	H17OPT	Pub															
Hosp18	H18OPT	Priv															
Hosp19	H19OPT	Pub															
Hosp20	H20OPT	Pub															
APHA	APHAOPT	Priv															
CANS	CANSOPT	Pub & Priv															
Deloitte	DTOPT	Pub & Priv															
Hosp8	H8OPT2	Priv															
Hosp9A	H9AOPT2	Priv															
Hosp9B	H9BOPT2	Priv/Day															
Hosp13	H13OPT2	Priv															
Hosp15	H15OPT2	Priv															
Hosp16	H16OPT2	Pub															
Hosp17	H17OPT2	Pub															
Hosp18	H18OPT2	Priv															
Hosp19	H19OPT2	Pub															
Hosp20	H20OPT2	Pub															
CANS	CANSOPT2	Pub & Priv															
Hosp1	H1OAT	Priv															
Hosp4	H4OAT	Priv															
Hosp6	H6OAT	Priv															
Hosp8	H8OAT	Priv															
Hosp10	H10OAT	Priv															
Hosp13	H13OAT	Priv															
Hosp15	H15OAT	Pub															
Hosp16	H16OAT	Pub															
Hosp17	H17OAT	Priv															
Hosp18	H18OAT	Pub															
Hosp19	H19OAT	Pub															
Hosp20	H20OAT	Pub & Priv															
CAnS	CANSOAT	Pub & Priv															
Deloitte	DTOAT	Pub & Priv															
MBS	MBSOAT2	Pub & Priv															
Hosp5	H5OAT2	Priv															
Hosp7	H7OAT2	Priv/Day															
Hosp8	H8OAT2	Priv															
Hosp9A	H9AOAT2	Priv															
Hosp9B	H9BOAT2	Priv/Day															
Hosp11	H11OAT2	Priv															
Hosp12	H12OAT2	Pub															
Hosp14	H14OAT2	Pub															
Hosp15	H15OAT2	Priv															
Hosp16	H16OAT2	Pub															
Hosp17	H17OAT2	Pub															
Hosp19	H19OAT2	Pub															
Hosp20	H20OAT2	Pub															
CANS	CANSOAT2	Pub & Priv															
WAGroup	WA1OAT2	Priv															
Hosp2	H2THT	Priv															
Hosp3	H3THT	Pub															
Hosp11	H11THT	Pub															
Hosp13	H13THT	Priv															
Hosp15	H15THT	Priv															
Hosp18	H18THT	Priv															
Hosp19	H19THT	Day & Oth															
C'mix -Pub	CMXPVHT	Priv															
C'mix -Pte	CMXPVHT	Priv															
C'mix-oth	CMXOTHT	Priv															











**Professional Relativities Study**

## **CG Alignment Meeting 2**

**Neurosurgery**

**And**

**Orthopaedic Surgery**

**21st October 1999**

*National Centre For Classification In Health*

## Venue and Attendees

**TIME:** 2.00pm – 4.00pm  
**DATE:** Thursday 21st October 1999  
**VENUE:** Hotel Furama Darling Harbour  
Dickson Room  
Opposite Sydney Entertainment Centre,  
68 Harbour Street  
Sydney, NSW 2000  
Phone: (02) 9281 0400  
Fax: (02) 9281 1212

**FACILITATOR(S):** Ms Lauren Jones  
Mr George Rennie

---

### ATTENDEES:

#### **Australian Orthopaedic Association**

Prof Joe Ghabrial

#### **Neurosurgical Society of Australia**

Mr Peter Bentivoglio

#### **Medicare Schedule Review Task Force**

Mr John Popplewell

#### **National Centre for Classification in Health**

Ms Lauren Jones (Project Manager)

Mr George Rennie (Statistician)

#### **Apologies**

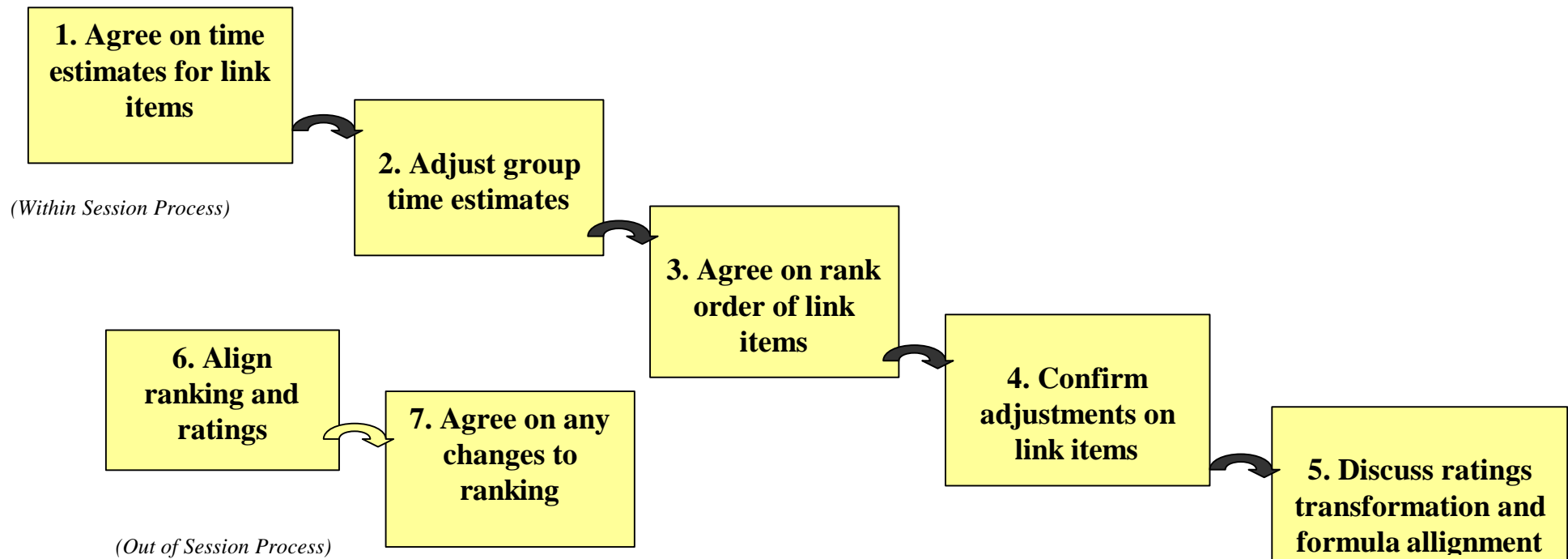
Dr Stephen Clarke (Medicare Schedule Review Task Force)

## Background:

The main purpose of the Alignment Process is for Consensus Groups (CGs) to agree on time estimates and rank order of link items. In addition, alignment formula and rating transformations will need to be discussed to facilitate the alignment of the CGs data based on the agreed link items. Following this the CGs will need to agree on changes (if any) to the rank of items and these changes will be incorporated before the next alignment meeting.

This process correlates to Stage 5C of the PRS Method (refer to Appendix A, PRS Method Paper, October 1998, pg. A10) in ensuring that link items are ranked in the same order by different specialties. This will then allow for merging of the relativities developed by the groups during the CG process so that core items can be chosen to develop Relative Value Units (RVUs).

## The Alignment Process:



## CG Alignment Meeting Objectives and Process

	Objective	Implementation Process (Steps)	Key Documentation	Timing	Pre-meeting Work
<b>WITHIN SESSION PROCESS</b>					
<b>Step 1</b>	✍ To agree on time estimates for link items	✍ CGs to reach agreement on pre, intra and post service time estimates for link items	Refer Attachments 2, 3 & 4	90 mins	<b>Review link item times using theatre data</b>
<b>Step 2</b>	✍ To adjust group time estimates based on link item adjustments	✍ Adjust each groups' pre, intra and post service times on the basis of link item adjustments	Spreadsheet at meeting.	10 mins	
<b>Step 3</b>	✍ To agree on rank order of link items	✍ CGs to reach agreement on the rank order of link items – (Level 3 consistency) and adjust ratings accordingly within groups.	Refer to Attachment 3	40 mins	<b>Review current rankings on link items for both groups</b>
<b>Step 4</b>	✍ Confirm adjustments on link items and resultant changes to group rankings	✍ CGs to confirm the adjustments on link items and resultant changes to individual group rankings	Spreadsheet at meeting.	20 mins	
<b>Step 5</b>	✍ Discuss ratings transformations and formula alignment	✍ Transformation of ratings and alignment of formula		10 mins	



**PRS Alignment Group Meeting**

	<b>Objective</b>	<b>Implementation Process (Steps)</b>	<b>Key Documentation</b>	<b>Timing</b>	<b>Pre-meeting Work</b>
--	------------------	---------------------------------------	--------------------------	---------------	-------------------------

<b>OUT OF SESSION PROCESS</b>					
<b>Step 6</b>	✍ To align ranking and ratings	✍ NCCH to align group data on the basis of agreed link items and forward results of alignment to groups			
<b>Step 7</b>	✍ To agree on changes to ranking (if any) following alignment process	✍ NCCH to incorporate any agreed changes following alignment before the next alignment meeting ✍ Groups to discuss changes where applicable before step 1 at following meeting			

# **ATTACHMENTS**

- 1. Glossary of Terms and PRS Definitions**
- 2. Individual Group Work Sheets**
- 3. Link Item Rankings and Times Estimates**
- 4. Theatre Times**

# **Attachment 1**

## **Glossary of Terms and PRS Definitions**

## Attachment 1 GLOSSARY OF TERMS AND PRS DEFINITIONS

ANAESTHETIC TIME	Anaesthetic time begins when the anaesthetist begins to prepare the patient for anaesthesia care in the operating room or in an equivalent area and ends when the anaesthetist is no longer in personal attendance, that is, when the patient may be safely placed under the supervision of other personnel.
COGNITIVE SKILL CLINICAL JUDGEMENT COMMUNICATION SKILLS	First component of intensity (PRS) Rated for “intra service” time (with an average taken for pre and post service times). Where intra service time is <u>zero</u> , the intensity rate applies to the pre or post component of time <i>which contains the bulk of the professional work</i> .
CORE ITEM	MBS items to be selected for development of RVU estimates. PRS core item criteria: <ul style="list-style-type: none"><li>≠ Good map to CPT</li><li>≠ Good spread among rankings</li><li>≠ Item frequency</li></ul>
CURRENT PROCEDURAL TERMINOLOGY – CPT	System for coding physician services developed by the American Medical Association to file claims with Medicare and other third-party payers; level 3 of the HCFA Common Procedure Coding System (HCPCS) <sup>1</sup>  The CPT is a listing of descriptive terms and identifying codes for reporting medical services and procedures performed by physicians <sup>2</sup>
DIRECT TIME	Face-to-face time with patient.
EXTRAPOLATION	Projection from known results to unknown cases where the unknown cases lie outside the range of the known cases
FLOOR TIME *** (WARD TIME)	Time dedicated to a patient service within a hospital, nursing home or other institution, covering time that the medical practitioner is present in the patient’s ward, interview/treatment room, or at the bedside with the patient.

INDIRECT TIME	Non face-to-face patient related time
INTERPOLATION	Projection of known results to unknown cases where the unknown cases lie within the range of the known cases
INTENSITY	<p>The three components of intensity for the purpose of the PRS are:</p> <ul style="list-style-type: none"><li>≠ cognitive skill, clinical judgement and communication skills</li><li>≠ technical skill and physical effort</li><li>≠ stress due to risk - risk to patient and/or difficulty of procedure</li></ul> <p>Rated for “intra service” time (with an average taken for pre and post service times). Where intra service time is <u>zero</u>, the intensity rate applies to the pre or post component of time which contains the bulk of the professional work.</p>
INTRA SERVICE TIME	<p><b>For procedures:</b> time in which the service provider is in direct contact with the patient in the procedure room. <i>? For most procedures this would be ‘skin to skin’ time ie. Opening to closing. Includes where positioning of the patient is an intrinsic part of the procedure eg lithotripsy, stereotactic procedures.</i></p> <p><b>For consultations:</b> Face-to-face time with the patient (excluding pre-service time)</p> <p><i>Hospital visits:</i> time in the ward dedicated to the patient (ie the floor time) which includes the time that the medical practitioner is present in the patient’s ward and at the bedside with the patient.</p>
LINKING SPECIALTIES	<p>Two approaches for data linking are possible:</p> <ul style="list-style-type: none"><li>≠ same MBS items carried out by different specialties</li><li>≠ linking different item numbers which are of equal professional work</li></ul> <p><b>PRS link item:</b> same item reviewed by more than one specialty.</p>

MAPPING	The term ‘mapping’ refers to the process of finding an ‘equivalent’ code between two classifications enabling interpretation of one classification to the other <sup>3</sup>
PRE-SERVICE TIME	<p>Time taken to prepare for a specific service.</p> <p><b>For procedures:</b> includes dress, scrub and wait.</p> <p><b>For consultations:</b> time spent in preparation of specific service prior to face to face consultation. <i>Hospital visits:</i> time spent in preparation of specific service before the ‘on the floor’ time.</p>
POST SERVICE TIME	<p><b>For procedures:</b> Closure or end of service to completion of norm “after care”. <i>Includes Recovery, ICU, CCU and follow-up visits included in the item.</i></p> <p><b>For consultations:</b> Time spent on specific service after cessation of face-to-face contact. <i>Hospital visits:</i> time spent on specific service after cessation of ‘on the floor’ time.</p> <p><b>All times must involve the doctor in direct or indirect activity with respect to the specific patient and item</b></p>
RANKING	Placing items in order eg 1-N
RATING	Giving a score on a predetermined scale e.g. 0-10 or 1-100
REGRESSION ANALYSIS	Determination of the relationship between a dependent variable and a number of other variables (independent variables) by statistical means
RELATIVE VALUE SCALE (U.S. DEFINITION)	An index of physicians’ services ranked according to “value”, with value defined according to the basis for the scale. In a charge-based relative value scale, services are ranked according to the average fee for the service or some other charge basis. A resource-based relative value scale ranks services according to the relative costs of the resources required to provide them. <sup>2</sup>
RELATIVE VALUE UNIT	The unit of measure for the professional work component in the Relative Value Study.

REMAINING ITEM	Non-core item
RESOURCE BASED RELATIVE VALUE SCALE (U.S. DEFINITION)	A relative value scale based on the resource costs of providing physician services; adopted in OBRA 89 as the basis for physician payment for Medicare Part B services effective January 1, 1992. The relative value of each service is the sum of relative value units (RVUs) representing physician work, practice expense, and professional liability insurance (PLI) adjusted for each locality by a geographic adjustment factor and converted into dollar payment amounts by a conversion factor <sup>2</sup>
TECHNICAL SKILL PHYSICAL EFFORT	Second component of intensity (PRS) Rated for “intra service” time (with an average taken for <i>pre and post service times</i> ). <i>Where intra service time is <u>zero</u>, The intensity rate applies to the pre or post component of time Which contains the bulk of the professional work.</i>
TIME	Total service time incorporates both patient related (face-to-face) and (non face-to-face) direct and indirect time.
TOTAL WORK	Time + Intensity
STRESS DUE TO RISK	Third component of intensity (PRS) Includes stress due to risk to patient and/or difficulty of procedure. Rated for “intra service” time (with an average taken for <i>pre and post service times</i> ). <i>Where intra service time is <u>zero</u>, the intensity rate applies to the pre or post component of time which contains the bulk of the professional work.</i>

---

<sup>1</sup> American Medical Association - Medicare RBRVS: The Physicians Guide - 1997

<sup>2</sup> American Medical Association - Physicians Current Procedural Terminology - 1997

<sup>3</sup> National Coding Centre - Coding Matters Vol. 2, No.4 April 1996

PRS\CGs\consult package\PRS defintions..

## **Attachment 2**

### **Individual Group Work Sheets**



**CG on Neurosurgery revised time estimates, intensity ratings and rank formula  
Sorted by Rank 3**

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaesth Time	Schedule Fee	Rank 3 (final)	Time Estimates (mins.)			Ratings of Intensity (0-10)			Formula 3 Value
		1996/97	mins.	\$	Based on Formula 3 Value	Preservice	Intra Service	Post Service	Cogn skill/ Clin judg/ Comm skills	Tech skill/ Physical Effort	Stress due to risk	=(pre+3intra+post) x (4 + total intensity)
39654	Petro-clival and clival tumour, removal of, by supra and infratentorial approaches for radical or sub- total radical excision, (intracranial procedure), conjoint surgery, principal surgeon (Assist.)	6	630	2511.45	1	60	570	120	10	10	8	60480
39650	Tumour involving middle cranial fossa and infra- temporal fossa, removal of, craniotomy and radical or sub-total radical excision, with division and reconstruction of zygomatic arch, (intracranial procedure) (Assist.)	3	630	1940.65	2	60	500	120	9	10	9	53760
39658	Tumour involving the clivus, radical or sub-total radical excision of, involving transoral or transmaxillary approach (Assist.)	3	630	2226.05	3	60	510	120	9	9	9	53010
39653	Petro-clival and clival tumour, removal of, by supra and infratentorial approaches for radical or sub- total radical excision (intracranial procedure), not being a service to which item 39654 or 39656 applies (Assist.)	13	630	3453.25	4	45	470	100	10	10	8	49760
41578	Cerebello - pontine angle tumour, removal of, by transmastoid, translabyrinthine or retromastoid approach, (intracranial procedure) - conjoint surgery, principal surgeon (Assist.)	88	480	1788.45	5	60	420	120	9	10	9	46080
39660	Tumour or vascular lesion of cavernous sinus, radical excision of, involving craniotomy with or without intracranial carotid artery exposure (Assist.)	19	540	2226.05	6	60	390	120	10	10	10	45900
41579	Cerebello-pontine angle tumour, removal of, by transmastoid, translabyrinthine or retromastoid approach, (intracranial procedure) - conjoint surgery, co-surgeon (Assist.)	73		1341.35	7	60	420	60	9	10	10	45540
41575	Cerebello-pontine angle tumour, removal of by 2 surgeons operating conjointly, by transmastoid, translabyrinthine or retromastoid approach - transmastoid, translabyrinthine or retromastoid procedure (including aftercare) (Assist.)	99	480	1788.45	8	60	420	120	9	9	9	44640
39640	Tumour involving anterior cranial fossa, removal of, involving craniotomy, radical excision of the skull base, and dural repair (Assist.)	20	480	2226.05	9	60	420	120	8	9	8	41760
39646	Tumour involving anterior cranial fossa, removal of, involving frontal craniotomy with lateral rhinotomy and radical clearance of paranasal sinus and orbital fossa extensions, with intracranial decompression of the optic nerve, (intracranial procedure) (A	5	540	2682.70	11	60	360	120	10	10	9	41580
39662	Tumour or vascular lesion of foramen magnum, radical excision of, via transcondylar or far lateral suboccipital approach (Assist.)	10	540	2226.05	11	60	360	120	10	10	9	41580
39803	Intracranial arteriovenous malformation, excision of (Assist.)	73	360	2098.20	11	60	360	120	10	10	9	41580
40706	Hemispherectomy for intractable epilepsy (Assist.)	0	420	1573.60	13	60	360	120	10	10	8	40320
45785	Cranial vault reconstruction for oxycephaly, brachycephaly, turricephaly or similar condition - (bilateral fronto-orbital advancement) (Assist.)	24	510	1224.80	14	60	360	150	9	9	9	39990

**CG on Neurosurgery revised time estimates, intensity ratings and rank formula  
Sorted by Rank 3**

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaesth Time	Schedule Fee	Rank 3 (final)	Time Estimates (mins.)			Ratings of Intensity (0-10)			Formula 3 Value
		1996/97	mins.	\$	Based on Formula 3 Value	Preservice	Intra Service	Post Service	Cogn skill/ Clin judg/ Comm skills	Tech skill/ Physical Effort	Stress due to risk	=(pre+3intra+post) x (4 + total intensity)
41576	Cerebello - pontine angle tumour, removal of, by transmastoid, translabyrinthine or retromastoid approach - intracranial procedure (including aftercare) not being a service to which item 41578 or 41579 applies (Assist.)	61	480	2682.70	15.5	60	360	120	10	9	8	39060
50227	Malignant bone tumour, enbloc resection of, with massive anatomic specific allograft or autograft, with or without prosthetic replacement (Assist.)	23	360	2419.50	15.5	60	360	120	9	9	9	39060
39642	Tumour involving anterior cranial fossa, removal of, involving frontal craniotomy with lateral rhinotomy for clearance of paranasal sinus extension, (intracranial procedure) (Assist.)	4	510	2340.25	17	60	350	120	9	9	9	38130
40318	Intramedullary tumour or arteriovenous malformation, laminectomy and radical excision of (Assist.)	35	180	1457.65	18	45	300	120	9.5	9.5	9.5	34612.5
39712	Craniotomy for removal of meningioma, pinealoma, cranio-pharyngioma, intraventricular tumour or any other intracranial tumour, not being a service to which another item in this Sub-group applies (Assist.)	396	270	2103.70	19	60	300	120	9	9	9	33480
48690	Spine, segmental internal fixation of, other than for scoliosis, being a service associated with a service to which items 48642 to 48675 apply - more than 4 levels (Assist.)	11	255	1106.05	20	45	300	120	9	10	8	33015
40112	Tethered cord, release of, including lipomeningocele or diastematomyelia (Assist.)	36	400	1049.05	21	60	300	100	9	9	9	32860
48639	Vertebral body, total or sub-total excision of, including bone grafting or other form of fixation (Assist.)	140	345	1002.35	22	60	300	60	9.5	9.5	9	32640
50224	Malignant or aggressive soft tissue tumour of pelvis, sacrum or spine; or scapula and shoulder, enbloc resection of, with reconstruction by prosthesis, allograft or autograft (Assist.)	32	285	2073.80	23	60	300	60	9.5	9	9	32130
39800	Aneurysm, clipping or reinforcement of sac (Assist.)	332	300	2098.20	24.5	60	240	120	9	10	10	29700
40351	Thoraco-lumbar or high lumbar anterior decompression of spinal cord, not including stabilisation procedure (Assist.)	5	330	1272.50	24.5	60	240	120	10	10	9	29700
40348	Thoracic decompression of spinal cord via thoracotomy with vertebrectomy, not including stabilisation procedure (Assist.)	24	330	1272.50	26	90	240	120	9	8.5	8.5	27900
40345	Thoracic decompression of spinal cord with or without involvement of nerve roots, via pedicle or costotransversectomy (Assist.)	32	240	1002.35	27	45	240	120	9	9	8.5	26992.5
39821	Extracranial to intracranial bypass using saphenous vein graft (Assist.)	4	420	1593.15	28	60	240	120	9	8	8	26100
50221	Malignant or aggressive soft tissue tumour of pelvis, sacrum or spine; or scapula and shoulder, enbloc resection of (Assist.)	38	240	1866.45	29	60	220	120	9	9	9	26040
40342	Hydromyelia, craniotomy and laminectomy for, with cavity packing and CSF shunt (Assist.)	5	270	1076.70	30	60	240	100	8.5	8.5	8.5	25960
48687	Spine, segmental internal fixation of, other than for scoliosis, being a service associated with a service to which items 48642 to 48675 apply - 3 or 4 levels (Assist.)	113	225	967.75	31	45	240	120	8	9	8	25665

**CG on Neurosurgery revised time estimates, intensity ratings and rank formula  
Sorted by Rank 3**

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaesth Time	Schedule Fee	Rank 3 (final)	Time Estimates (mins.)			Ratings of Intensity (0-10)			Formula 3 Value
		1996/97	mins.	\$	Based on Formula 3 Value	Preservice	Intra Service	Post Service	Cogn skill/ Clin judg/ Comm skills	Tech skill/ Physical Effort	Stress due to risk	=(pre+3intra+post) x (4 + total intensity)
40801	Functional stereotactic procedure including computer assisted anatomical localisation, physiological localisation and lesion production in the basal ganglia, brain stem or deep white matter tracts (Assist.)	170	195	1281.85	32	60	240	60	9	8	8	24360
40703	Corticectomy, topectomy or partial lobectomy for epilepsy (Assist.)	37	240	1076.70	33	60	200	100	9	9	8	22800
39818	Extracranial to intracranial bypass using superficial temporal artery (Assist.)	8	360	1341.75	34	60	240	60	8	8	7	22680
48657	Spinal fusion (posterior interbody), with laminectomy, more than 1 level (Assist.)	52	225	1106.05	35	45	200	100	9	9	8	22350
40315	Craniocervical junction lesion, transoral approach for (Assist.)	3	300	1165.05	36	60	180	120	8	9	8	20880
39709	Craniotomy for removal of glioma, metastatic carcinoma or any other tumour in cerebrum, cerebellum or brain stem - not being a service to which another item in this Sub-group applies (Assist.)	560	270	1165.05	37	45	200	100	8	8	8	20860
39715	Pituitary tumour, removal of, by transcranial or transphenoidal approach (Assist.)	180	270	1457.65	39	60	180	100	8	8	8	19600
40700	Corpus callosum, anterior section of, for epilepsy (Assist.)	1	270	1281.00	39	60	180	100	8	8	8	19600
48669	Spinal fusion (anterior interbody) to cervical, thoracic or lumbar regions - more than 1 level (Assist.)	135	210	1071.50	39	60	180	100	8	8	8	19600
40334	Cervical decompression of spinal cord with or without involvement of nerve roots, without fusion, more than 1 level, by any approach, not being a service to which item 40330 applies (Assist.)	27	210	773.70	41.5	60	180	100	7.5	8	7.5	18900
40339	Hydromyelia, plugging of obex for, with or without duroplasty (Assist.)	6	300	1165.05	41.5	60	180	100	7	8	8	18900
39112	Cranial nerve, intracranial decompression of, using microsurgical techniques (Assist.)	115	255	1131.90	43	45	180	100	8	8	7	18495
47699	Spine, treatment of fracture, dislocation or fracture-dislocation without cord involvement requiring open reduction with or without internal fixation (Assist.)	14	180	1106.05	44	60	160	100	8	8	8	17920
39124	Cordotomy or myelotomy, laminectomy for, or operation for dorsal root entry zone (Drez) lesion (Assist.)	7	120	1187.10	45	40	160	100	7	7	9	16740
39500	Vestibular nerve, section of, via posterior fossa (Assist.)	4	255	933.15	46	60	200	60	6	6	7	16560
40109	Encephalocele, excision and closure of (Assist.)	6	330	817.15	47	60	180	60	7	7	7	16500
48684	Spine, segmental internal fixation of, other than for scoliosis, being a service associated with a service to which any one of items 48642 to 48675 applies - 1 or 2 levels (Assist.)	741	165	691.25	48	60	150	100	8	8	7	16470
164	Professional attendance for a period of 5 hours or more (not being a service to which any other item applies) on a patient in imminent danger of death requiring continuous attendance on the patient to the exclusion of all other patients=2(			500	49	15	300	30	5	3	5	16065
39903	Intracranial abscess, excision of (Assist.)	29	150	1165.05	50	60	150	90	7.5	7.5	7.5	15900

**CG on Neurosurgery revised time estimates, intensity ratings and rank formula  
Sorted by Rank 3**

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaesth Time	Schedule Fee	Rank 3 (final)	Time Estimates (mins.)			Ratings of Intensity (0-10)			Formula 3 Value
		1996/97	mins.	\$	Based on Formula 3 Value	Preservice	Intra Service	Post Service	Cogn skill/ Clin judg/ Comm skills	Tech skill/ Physical Effort	Stress due to risk	=(pre+3intra+post) x (4 + total intensity)
39615	Fractured skull with rhinorrhoea or otorrhoea, cranioplasty and repair of (Assist.)	25	165	877.90	51	60	160	90	7	7	7	15750
39806	Aneurysm, or arteriovenous malformation, intracranial proximal artery clipping of (Assist.)	4	240	944.20	52	60	150	60	8	6	8	14820
48660	Spinal fusion (anterior interbody) to cervical, thoracic or lumbar regions - 1 level (Assist.)	260	180	794.95	53	45	120	100	8	9	8	14645
48654	Spinal fusion (posterior interbody), with laminectomy, 1 level (Assist.)	141	180	794.95	54.5	60	120	100	8	8	8	14560
48672	Spinal fusion (anterior interbody) to cervical, thoracic or lumbar regions - more than 1 level (where an assisting surgeon performs the approach) - principal surgeon (Assist.)	3	210	801.95	54.5	60	120	100	8	8	8	14560
163	Professional attendance for a period of not less than 4 hours but less than 5 hours (not being a service to which any other item applies) on a patient in imminent danger of death requiring continuous attendance on the patient to the exclusion of all other			450	56	15	270	30	5	3	5	14535
40321	Posterior spinal fusion, not being a service to which items 40324 and 40327 apply (Assist.)	40	195	800.60	57	60	150	60	7	7	7	14250
40332	Cervical decompression of spinal cord with or without involvement of nerve roots, including anterior fusion, 1 level, not being a service to which item 40330 applies (Assist.)	222	210	1144.25	58.5	45	120	100	8	8	8	14140
40335	Cervical decompression of spinal cord with or without involvement of nerve roots, including anterior fusion, more than 1 level, by any approach, not being a service to which item 40330 applies (Assist.)	101	270	1421.15	58.5	45	120	100	8	8	8	14140
48648	Spine, bone graft to, (postero-lateral fusion) - 1 or 2 levels (Assist.)	785	150	794.95	60	30	150	60	8	7	7	14040
39503	Facio-hypoglossal nerve or facio-accessory nerve, anastomosis of (Assist.)	10	315	701.25	61	20	160	60	7	7	7	14000
40312	Intradural lesion, laminectomy for, not being a service to which another item in this Group applies (Assist.)	122	90	1076.70	62	30	120	100	8	8	8	13720
40331	Cervical decompression of spinal cord with or without involvement of nerve roots, without fusion, 1 level, by any approach, not being a service to which item 40330 applies (Assist.)	27	150	701.25	63	30	120	90	8	8	8	13440
40106	Arnold-Chiari malformation, decompression of (Assist.)	22	345	756.40	64	60	120	90	7	7	7	12750
39603	Intracranial haemorrhage, osteoplastic craniotomy or extensive craniectomy and removal of haematoma (Assist.)	244	165	877.90	65	45	120	100	7	7	7	12625
48675	Spinal fusion (anterior interbody) to cervical, thoracic or lumbar regions - more than 1 level (where an assisting surgeon performs the approach) - assisting surgeon (Assist.)	6		483.90	66	60	120	30	8	8	8	12600
40600	Cranioplasty, reconstructive (Assist.)	150	150	701.25	67	30	150	40	7	7	6	12480
39106	Neurectomy, intracranial, for trigeminal neuralgia (Assist.)	6	180	872.45	68	60	120	60	7	7	7	12000
40103	Myelomeningocele, excision and closure of, including skin flaps or Z plasty where performed (Assist.)	3	165	745.45	69	30	120	90	7	7	6	11520

**CG on Neurosurgery revised time estimates, intensity ratings and rank formula  
Sorted by Rank 3**

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaesth Time	Schedule Fee	Rank 3 (final)	Time Estimates (mins.)			Ratings of Intensity (0-10)			Formula 3 Value
		1996/97	mins.	\$	Based on Formula 3 Value	Preservice	Intra Service	Post Service	Cogn skill/ Clin judg/ Comm skills	Tech skill/ Physical Effort	Stress due to risk	=(pre+3intra+post) x (4 + total intensity)
162	Professional attendance for a period of not less than 3 hours but less than 4 hours (not being a service to which any other item applies) on a patient in imminent danger of death requiring continuous attendance on the patient to the exclusion of all other			350	70	15	210	30	5	3	5	11475
40316	Odontoid screw fixation (Assist.)	7	270	1527.00	71	45	100	60	8	8	8	11340
40324	Laminectomy followed by posterior fusion, performed by neurosurgeon and orthopaedic surgeon operating together - laminectomy, including aftercare (Assist.)	3	195	469.35	72.5	45	120	20	7	8	7	11050
40327	Laminectomy followed by posterior fusion, performed by neurosurgeon and orthopaedic surgeon operating together - posterior fusion, including aftercare (Assist.)	2		469.35	72.5	45	120	20	7	8	7	11050
34139	Cervical rib, removal of, or other operation for removal of thoracic outlet compression, not being a service to which another item in this Sub-group applies (Assist.)	33	120	657.05	74	30	120	30	7.5	7.5	7	10920
39718	Arachnoidal cyst, craniotomy for (Assist.)	23	120	640.55	75.5	60	120	60	6	6	6	10560
40015	Subtemporal decompression (Assist.)	15	180	469.00	75.5	60	120	60	6	6	6	10560
40301	Intervertebral disc or discs, microsurgical discectomy of (Assist.)	778	120	703.45	78	30	120	30	7	7	7	10500
40309	Extradural tumour or abscess, laminectomy for (Assist.)	117	90	800.60	78	30	100	90	7	7	7	10500
48663	Spinal fusion (anterior interbody) to cervical, thoracic or lumbar regions - 1 level (where an assisting surgeon performs the approach) - principal surgeon (Assist.)	17	180	594.45	78	30	120	30	7	7	7	10500
39721	Craniotomy, involving osteoplastic flap, for re-opening post-operatively for haemorrhage, swelling, etc (Assist.)	37	120	585.25	80.5	30	120	60	7	6	6	10350
40118	Craniostenosis, operation for - more than 1 suture (Assist.)	22	195	701.25	80.5	30	120	60	6	7	6	10350
40306	Spinal stenosis, laminectomy for, involving more than 1 vertebral interspace (disc level) (Assist.)	2235	120	1054.60	82	30	100	60	7	8	7	10140
39612	Fractured skull, compound, depressed or complicated, with dural penetration and brain laceration, operation for (Assist.)	13	135	822.75	83	60	100	100	6	6	6	10120
40330	Spinal rhizolysis involving exposure of spinal nerve roots - for lateral recess, exit foraminal stenosis, adhesive radiculopathy or extensive epidural fibrosis, at 1 or more levels - with or without laminectomy (Assist.)	1734	150	701.25	84	30	90	60	8.5	8	7.5	10080
48681	Spine, non-segmental internal fixation of (Harrington or similar), other than for scoliosis, being a service associated with a service to which any one of items 48642 to 48675 applies (Assist.)	6	165	691.25	85	30	120	60	6	6	6	9900
40012	Third ventriculostomy (open or endoscopic) with or without endoscopic septum pellucidotomy (Assist.)	45	150	756.40	86.5	30	100	60	7	7	7	9750
40712	Intracranial electrode placement via craniotomy (Assist.)	3	180	767.45	86.5	30	100	60	7	7	7	9750
40100	Meningocele, excision and closure of (Assist.)	9	135	508.00	88	30	120	60	7	5	5	9450
40303	Recurrent disc lesion or spinal stenosis, or both, laminectomy for - 1 level (Assist.)	1189	90	800.60	89	30	105	30	7	7	7	9375

**CG on Neurosurgery revised time estimates, intensity ratings and rank formula  
Sorted by Rank 3**

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaesth Time	Schedule Fee	Rank 3 (final)	Time Estimates (mins.)			Ratings of Intensity (0-10)			Formula 3 Value
		1996/97	mins.	\$	Based on Formula 3 Value	Preservice	Intra Service	Post Service	Cogn skill/ Clin judg/ Comm skills	Tech skill/ Physical Effort	Stress due to risk	=(pre+3intra+post) x (4 + total intensity)
39706	Intracranial tumour, biopsy or decompression of via osteoplastic flap or biopsy and decompression of via osteoplastic flap (Assist.)	47	120	817.15	90	60	120	60	5	5	5	9120
39312	Nerve trunk, internal (interfascicular), neurolysis of, using microsurgical techniques (Assist.)	365	120	292.60	92.5	15	120	15	6	7	5	8580
40000	Ventriculo-cisternostomy (Torkildsen's operation) (Assist.)	1	150	673.60	92.5	30	100	60	6	6	6	8580
40333	Cervical discectomy (anterior), without fusion (Assist.)	28	210	585.25	92.5	30	100	60	6	6	6	8580
47717	Halo-thoracic traction - application of both halo and thoracic jacket (Assist.)	3	90	311.10	92.5	20	90	100	6	6	6	8580
39700	Skull tumour, benign or malignant, excision of, excluding cranioplasty (Assist.)	47	225	408.65	95.5	30	120	60	5	5	5	8550
48642	Spine, posterior, bone graft to, not being a service to which item 48648 or 48651 applies - 1 or 2 levels (Assist.)	31	165	587.60	95.5	30	120	60	5	5	5	8550
161	Professional attendance for a period of not less than 2 hours but less than 3 hours (not being a service to which any other item applies) on a patient in imminent danger of death requiring continuous attendance on the patient to the exclusion of all other			250	97	15	150	30	5	3	5	8415
39139	Epidural electrode for management of pain, insertion of 1 or more of by laminectomy, including implantation of pulse generator (1 or 2 stages) (Assist.)	39	120	789.60	98.5	20	120	40	5	5	6	8400
40903	Neuroendoscopy, for inspection of an intraventricular lesion, with or without biopsy including burr hole (Assist.)	18	150	407.20	98.5	30	120	30	5	6	5	8400
39900	Intracranial infection, drainage of, via burr-hole - including burr-hole (Assist.)	15	75	381.00	100	60	100	100	5	4	5	8280
40115	Craniostenosis, operation for - single suture (Assist.)	48	165	530.05	101	30	100	60	6	6	5	8190
39327	Neurectomy, neurotomy or removal of tumour from deep peripheral nerve, by open operation (Assist.)	708	60	347.85	102	10	100	60	6	6	6	8140
40800	Stereotactic anatomical localisation, as an independent procedure (Assist.)	69	120	469.00	103.5	30	100	30	6	6	6	7920
40803	Intracranial stereotactic procedure by any method, not being a service to which item 40800 or 40801 applies (Assist.)	355	135	877.90	103.5	30	100	30	6	6	6	7920
39127	Subcutaneous reservoir and spinal catheter for pain, insertion of	44	60	347.85	105	15	90	100	5.5	5.5	5.5	7892.5
39906	Osteomyelitis of skull or removal of infected bone flap, craniectomy for (Assist.)	33	75	585.25	106	30	120	60	4	5	4	7650
39812	Intracranial aneurysm or arteriovenous fistula, ligation of cervical vessel or vessels (Assist.)	15	75	463.80	107	30	75	60	6	7	7	7560
39606	Fractured skull, depressed or comminuted, operation for (Assist.)	22	105	585.25	108	45	90	60	5	5	5	7125
39333	Brachial plexus, exploration of, not being a service to which another item in this Group applies (Assist.)	29	120	292.60	109	20	100	20	5	5	5	6460

**CG on Neurosurgery revised time estimates, intensity ratings and rank formula  
Sorted by Rank 3**

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaesth Time	Schedule Fee	Rank 3 (final)	Time Estimates (mins.)			Ratings of Intensity (0-10)			Formula 3 Value
		1996/97	mins.	\$	Based on Formula 3 Value	Preservice	Intra Service	Post Service	Cogn skill/ Clin judg/ Comm skills	Tech skill/ Physical Effort	Stress due to risk	=(pre+3intra+post) x (4 + total intensity)
40300	Intervertebral disc or discs, laminectomy for removal of (Assist.)	1640	90	701.25	110	30	60	30	7	6.5	6.5	5760
39128	Automated subcutaneous infusion device and spinal catheter, insertion of (Assist.)	77	105	484.55	111	15	90	15	5	5	5	5700
160	Professional attendance for a period of not less than 1 hour but less than 2 hours (not being a service to which any other item applies) on a patient in imminent danger of death requiring continuous attendance on the patient to the exclusion of all other			150	112	15	90	30	5	3	5	5355
39121	Percutaneous cordotomy (Assist.)	4	75	463.80	113	25	60	25	6	6.5	6.5	5290
40003	Cranial or cisternal shunt diversion, insertion of (Assist.)	336	135	673.60	114	15	60	30	6.5	6.5	6.5	5287.5
34100	Major artery of neck, elective ligation or exploration of, not being a service associated with any other vascular procedure (Assist.)	34	105	519.05	115	15	60	45	5	5	8	5280
40006	Lumbar shunt diversion, insertion of (Assist.)	35	135	530.05	116	30	60	30	6	5	5	4800
47720	Halo-femoral traction, as an independent procedure (Assist.)	0	75	311.10	117.5	15	45	90	5	5	5	4560
47723	Halo-femoral traction in conjunction with a major spine operation (Assist.)	2	75	311.10	117.5	15	45	90	5	5	5	4560
40009	Cranial, cisternal or lumbar shunt, revision or removal of (Assist.)	313	120	386.50	119	15	60	30	6	5	5	4500
39609	Fractured skull, compound, without dural penetration, operation for (Assist.)	8	105	701.25	120	10	50	60	5	5	5	4180
47711	Halo, application of, as an independent procedure (Assist.)	2	60	235.05	121.5	15	60	90	3	3	4	3990
47714	Halo, application of, in addition to spinal fusion for scoliosis, or other conditions	2	60	176.25	121.5	15	60	90	3	3	4	3990
34133	Scalenotomy (Assist.)	32	90	408.65	123	20	75	20	4	4	3	3975
41746	Frontal sinus, radical obliteration of (Assist.)	21	90	570.65	124	35	60	30	4	4	4	3920
39703	Intracranial tumour, cyst or other brain tissue, burr-hole and biopsy of, or drainage of, or both (Assist.)	92	75	381.00	125	20	60	20	4	4	4	3520
39600	Intracranial haemorrhage, burr-hole craniotomy for - including burr holes (Assist.)	190	90	347.85	126	20	60	60	3	3	3	3380
90781	Consultation in rooms exceeding 75 minutes duration with a new patient seen on a referred basis	n/a	n/a	n/a	127.5	5	75	10	4	2	4	3360
91281	Consultation in a hospital of approximately 75 minutes duration with a new patient seen on a referred basis.	n/a	n/a	n/a	127.5	5	75	10	4	2	4	3360
39109	Trigeminal gangliotomy by radiofrequency, balloon or glycerol	114	75	325.75	129	30	45	20	4	6	4	3330
39133	Epidural stimulator or intrathecal infusion device, revision of	77	60	117.05	130	10	60	30	4	4	3	3300
90782	Consultation in rooms exceeding 75 minutes duration with an existing patient seen on a referred basis	n/a	n/a	n/a	131.5	5	75	5	4	2	4	3290

**CG on Neurosurgery revised time estimates, intensity ratings and rank formula  
Sorted by Rank 3**

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaesth Time	Schedule Fee	Rank 3 (final)	Time Estimates (mins.)			Ratings of Intensity (0-10)			Formula 3 Value
		1996/97	mins.	\$	Based on Formula 3 Value	Pre-service	Intra Service	Post Service	Cogn skill/ Clin judg/ Comm skills	Tech skill/ Physical Effort	Stress due to risk	=(pre+3intra+post) x (4 + total intensity)
91282	Consultation in a hospital of approximately 75 minutes duration with an existing patient seen on a referred basis.	n/a	n/a	n/a	131.5	5	75	5	4	2	4	3290
40709	Burr-hole placement of intracranial depth or surface electrodes (Assist.)	7	120	381.00	133	10	60	60	3	3	3	3250
39321	Nerve, transposition of (Assist.)	462	60	347.85	134	10	60	10	4	4	4	3200
48678	Spine, simple internal fixation of, involving 1 or more of facetal screw, wire loop or similar, being a service associated with a service to which items 48642 to 48675 apply (Assist.)	55	165	415.15	135	10	60	30	3	3	3	2860
39015	Ventricular reservoir, external ventricular drain or intracranial pressure monitoring device, insertion of - including burr-hole (excluding after-care) (Assist.)	247	60	276.10	137.5	20	45	40	4	3	3	2730
39018	Cerebrospinal fluid reservoir, insertion of (Assist.)	47	75	276.10	137.5	20	45	40	4	3	3	2730
90771	Consultation in rooms of approximately 60 minutes duration with a new patient seen on a referred basis	n/a	n/a	n/a	137.5	5	60	10	4	2	4	2730
91271	Consultation in a hospital of approximately 60 minutes duration with a new patient seen on a referred basis.	n/a	n/a	n/a	137.5	5	60	10	4	2	4	2730
90772	Consultation in rooms of approximately 60 minutes duration with an existing patient seen on a referred basis	n/a	n/a	n/a	140.5	5	60	5	4	2	4	2660
91272	Consultation in a hospital of approximately 60 minutes duration with an existing patient seen on a referred basis.	n/a	n/a	n/a	140.5	5	60	5	4	2	4	2660
39134	Spinal neurostimulator receiver or pulse generator, subcutaneous placement of (Assist.)	105	60	250.10	142	10	45	10	4	4	4	2480
47729	Bone graft, harvesting of, via separate incision, in conjunction with another service - autogenous - large quantity	1172	45	172.85	143	15	45	15	3	3	3	2145
90761	Consultation in rooms of approximately 45 minutes duration with a new patient seen on a referred basis	n/a	n/a	n/a	144.5	5	45	10	4	2	4	2100
91261	Consultation in a hospital of approximately 45 minutes duration with a new patient seen on a referred basis.	n/a	n/a	n/a	144.5	5	45	10	4	2	4	2100
90762	Consultation in rooms of approximately 45 minutes duration with an existing patient seen on a referred basis	n/a	n/a	n/a	146.5	5	45	5	4	2	4	2030
91262	Consultation in a hospital of approximately 45 minutes duration with an existing patient seen on a referred basis.	n/a	n/a	n/a	146.5	5	45	5	4	2	4	2030
40018	Lumbar cerebrospinal fluid drain, insertion of	93	30	117.05	148	5	30	100	2	2	2	1950
39324	Neurectomy, neurotomy or removal of tumour from superficial peripheral nerve, by open operation (Assist.)	400	45	203.20	149	5	40	20	3	2	2	1595
90751	Consultation in rooms of approximately 30 minutes duration with a new patient seen on a referred basis	n/a	n/a	n/a	150.5	5	30	10	4	2	4	1470
91251	Consultation in a hospital of approximately 30 minutes duration with a new patient seen on a referred basis.	n/a	n/a	n/a	150.5	5	30	10	4	2	4	1470
90752	Consultation in rooms of approximately 30 minutes duration with an existing patient seen on a referred basis	n/a	n/a	n/a	152.5	5	30	5	4	2	4	1400



**CG on Neurosurgery revised time estimates, intensity ratings and rank formula  
Sorted by Rank 3**

MBS Item	Truncated MBS Descriptor	HIC Freq	MBS Anaesth Time	Schedule Fee	Rank 3 (final)	Time Estimates (mins.)			Ratings of Intensity (0-10)			Formula 3 Value
		1996/97	mins.	\$	Based on Formula 3 Value	Pre-service	Intra Service	Post Service	Cogn skill/ Clin judg/ Comm skills	Tech skill/ Physical Effort	Stress due to risk	=(pre+3intra+post) x (4 + total intensity)
91252	Consultation in a hospital of approximately 30 minutes duration with an existing patient seen on a referred basis.	n/a	n/a	n/a	152.5	5	30	5	4	2	4	1400
39331	Carpal tunnel release (division of transverse carpal ligament), by any method	9060	30	203.20	154	10	20	20	4	4	3	1350
39323	Percutaneous neurotomy by cryoneurotomy or radiofrequency lesion generator, not being a service to which another item applies (Assist.)	191	75	203.20	155	10	30	30	2	2	2	1300
39136	Percutaneous epidural implant for management of pain, removal of	76	60	117.05	156	10	45	10	1	2	1	1240
39012	Burr-hole, single, preparatory to ventricular puncture or for inspection purpose - not being a service to which another item applies	14	60	174.50	157	15	30	15	2	2	2	1200
47726	Bone graft, harvesting of, via separate incision, in conjunction with another service - autogenous - small quantity	461	30	103.75	158	15	20	15	3	3	3	1170
90740	Consultation in rooms of approximately 20 minutes duration with a new or existing patient seen on a referred basis	n/a	n/a	n/a	159.5	5	20	5	4	2	4	980
91240	Consultation in a hospital of approximately 20 minutes duration with a new or existing patient seen on a referred basis.	n/a	n/a	n/a	159.5	5	20	5	4	2	4	980
90730	Consultation in rooms of approximately 15 minutes duration with a new or existing patient seen on a referred basis	n/a	n/a	n/a	161	2	15	5	4	2	4	728
91230	Consultation in a hospital of approximately 15 minutes duration with a new or existing patient seen on a referred basis	n/a	n/a	n/a	162	0	15	3	4	2	4	672
45018	Dermis, dermofat or fascia graft (excluding transfer of fat by injection) (Assist.)	556	90	347.85	163	0	20	0	2	2	2	600
39003	Cisternal puncture	17	30	62.95	165	5	15	5	2	2	2	550
39006	Ventricular puncture (not including burr-hole)	111	30	117.05	165	5	15	5	2	2	2	550
39009	Subdural haemorrhage, tap for, each tap	6	30	43.60	165	5	15	5	2	2	2	550
39100	Injection of primary branch of trigeminal nerve with alcohol, cortisone, phenol, or similar substance	84	60	174.50	167	10	15	10	2	1	1	520
90720	Consultation in rooms of approximately 10 minutes duration with a new or existing patient seen on a referred basis	n/a	n/a	n/a	168	1	10	4	4	2	4	490
91220	Consultation in a hospital of approximately 10 minutes duration with a new or existing patient seen on a referred basis	n/a	n/a	n/a	169	0	10	2	4	2	4	448
39000	Lumbar puncture	3734	15	55.25	170	5	10	10	1	1	1	315
91210	Consultation in a hospital of approximately 5 minutes duration with a new or existing patient seen on a referred basis	n/a	n/a	n/a	171	0	5	0	4	2	4	210

**Consensus Group on Orthopaedic Surgery  
Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stres	Wtime x (50+Wint)
50233			Malignant tumour, amputation for, hemipelvectomy or interscapulothoracic (Assist.)	3	360	1589.95	1	60	360	120	10	10	10	*Refer to Prof Peter Choong (St Vincent's Melb) OR Prof Ian Dickinson (Brisbane)	900	50	90000
50227			Malignant bone tumour, enbloc resection of, with massive anatomic specific allograft or autograft, with or without prosthetic replacement	23	360	2419.50	2	40	360	120	10	10	10	*Refer to Prof Peter Choong (St Vincent's Melb) OR Prof Ian Dickinson (Brisbane)	880	50	88000
50306			Limb lengthening, where the lengthening is bipolar, or bone transport is performed or where the fixator is extended to correct an adjacent join	16	420	1812.05	3	40	360	180	8	8	8	*Refer to John Fraser (Brisbane) or Peter Hannan (Monash). CG: Need	940	40	84600
49345			Hip, revision total replacement of, requiring anatomic specific allograft of both femur and acetabulum (Assist.)	31	330	2419.50	4	60	360	100	9	9	10	CG 16.3.99: Re ASSIST items, members asked NCCH to report to the MSRB that payment be made to all assisting surgeons.	880	46	84480
50414			Lower limb deficiency, treatment of congenital deficiency of the femur by resection of the distal femur and proximal tibia followed by knee fusion and rotationalplasty (Assist.)	2	390	1297.95	5	60	360	100	8	8	10	*Refer to Ian Torode (Royal Childrens Hosp, Melb)	880	42	80960
48630			Scoliosis, requiring anterior decompression of spinal cord with resection of vertebrae including bone graft and instrumentation in the	9	370	2073.80	6.5	60	300	120	10	10	10		780	50	78000
48612			Scoliosis, spinal fusion for, using segmental instrumentation (C D, Zielke Luque or similar) (Assist.)	139	370	1797.35	6.5	60	300	120	10	10	10		780	50	78000
50224			Malignant or aggressive soft tissue tumour of pelvis, sacrum or spine; or scapula and shoulder, enbloc resection of, with reconstruction by prosthetic allograft or autograft (Assist.)	32	285	2073.80	8	40	300	100	10	10	10	*Refer to Prof Peter Choong (St Vincent's Melb) OR Prof Ian Dickinson (Brisbane)	740	50	74000
48627			Scoliosis, spinal fusion for, combined with segmental instrumentation (C D Zielke or similar) down to and including pelvis (Assist.)	12	370	1866.45	9	60	300	100	9	10	9		760	47	73720
50417			Lower limb deficiency, treatment of congenital deficiency of the tibia by reconstruction of the knee involving transfer of fibula or tibia and	0	330	962.00	10	30	300	100	10	10	10	*Refer to Ian Torode (Royal Childrens Hosp, Melb)	730	50	73000
48624			Scoliosis, anterior correction of, with fusion and segmental fixation (Dwyer Zielke or similar) - more than 4 levels (Assist.)	15	370	1451.70	11	60	300	100	9	9	9		760	45	72200
49342			Hip, revision total replacement of, requiring anatomic specific allograft of acetabulum (Assist.)	36	270	2039.25	12	50	300	100	9	9	9		750	45	71250
50218			Malignant tumour of long bone, enbloc resection of, with replacement or arthrodesis of adjacent joint (Assist.)	30	240	2004.70	13	40	270	100	10	10	10	*Refer to Prof Peter Choong (St Vincent's Melb) OR Prof Ian Dickinson (Brisbane)	680	50	68000
50399			Forearm, radial aplasia or dysplasia (radial club hand), centralisation and radialisation of (Assist.)	3	360	676.95	14.5	40	300	100	8	8	8	*Refer to hand surgeon	740	40	66600
50236			Malignant tumour, amputation for, hip disarticulation, shoulder disarticulation or proximal third femur (Assist.)	5	300	1244.30	14.5	40	300	100	8	8	8	*Refer to Prof Peter Choong (St Vincent's Melb) OR Prof Ian Dickinson (Brisbane)	740	40	66600
47510			Acetabulum, treatment of double column fracture of, by open reduction and internal fixation, including any osteotomy, osteectomy or capsulotomy required for exposure and subsequent repair (Assist.)	5	270	1036.90	16	30	300	120	6.5	8	9		750	38	66000
49339			Hip, revision total replacement of, requiring anatomic specific allograft of proximal femur greater than 5 cm in length (Assist.)	60	270	2039.25	17	50	270	100	8	10	9		690	45	65550
49333			Hip, total replacement arthroplasty of, revision procedure requiring bone grafting to both acetabulum and femur including obtaining of graft	288	255	1797.35	18	50	280	100	8	8	10		710	42	65320
50215			Malignant or aggressive soft tissue tumour affecting the long bones of leg or arm, enbloc resection of, with compartmental or wide excision of soft tissue, with intercalary reconstruction (prosthesis, allograft or autograft) (Assist.)	7	210	1520.85	19	40	240	100	10	10	10	*Refer to Prof Peter Choong (St Vincent's Melb) OR Prof Ian Dickinson (Brisbane)	620	50	62000
49330			Hip, total replacement arthroplasty of, revision procedure requiring bone grafting to femur including obtaining of graft (Assist.)	139	225	1589.95	20.5	50	260	100	8	8	9		670	41	60970
49327			Hip, total replacement arthroplasty of, revision procedure requiring bone grafting to acetabulum including obtaining of graft (Assist.)	288	225	1589.95	20.5	50	260	100	8	8	9		670	41	60970
48621			Scoliosis, anterior correction of, with fusion and segmental fixation (Dwyer Zielke or similar) - not more than 4 levels (Assist.)	6	315	1175.20	22	60	240	100	9	9	9		640	45	60800
50303			Limb lengthening, up to and including 5cm, requiring slow distraction under general anaesthesia in the operating theatre of a hospital or approved day hospital facility with or without application of a ring	60	255	1160.50	23	30	240	150	8	8	8	*Refer to John Fraser (Brisbane) or Peter Hannan (Monash). CG: Need to separate with and without	660	40	59400
48632			Scoliosis, congenital, vertebral resection and fusion for (Assist.)	1	370	1146.35	24	40	240	100	9	9	9		620	45	58900
50411			Lower limb deficiency, treatment of congenital deficiency of the femur by resection of the distal femur and proximal tibia followed by knee	0	240	962.00	25	60	240	100	8	8	10	*Refer to Ian Torode (Royal Childrens Hosp, Melb)	640	42	58880

**Consensus Group on Orthopaedic Surgery**  
**Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
47507			Acetabulum, treatment of transverse fracture of, by open reduction and internal fixation including any osteotomy, osteectomy or capsulotomy	8	270	1036.90	26.5	30	300	120	5	5	8		750	28	58500
47504			Acetabulum, treatment of T-shape fracture of, by open reduction and internal fixation including any osteotomy, osteectomy or capsulotomy	2	270	1036.90	26.5	30	300	120	5	5	8		750	28	58500
48639			Vertebral body, total or sub-total excision of, including bone grafting or other form of fixation (Assist.)	140	345	1002.35	28	60	240	100	8	8	9		640	41	58240
49319			Hip, total replacement arthroplasty of, including associated minor grafting if performed - bilateral (Assist.)	20	285	1700.00	29	60	240	100	8	8	8		640	40	57600
49324			Hip, total replacement arthroplasty of, revision procedure including removal of prosthesis (Assist.)	585	210	1382.60	30	50	240	100	8	8	9		630	41	57330
50221			Malignant or aggressive soft tissue tumour of pelvis, sacrum or spine; or scapula and shoulder en bloc resection of (Assist.)	38	240	1866.45	31	40	240	100	8	8	10	*Refer to Prof Peter Choong (St Vincent's Melb) OR Prof Ian	620	42	57040
47489			Pelvic ring, treatment of fracture of, by open reduction and involving internal fixation of posterior segment (including sacro-iliac joint) with or	8	270	1036.90	32	30	240	120	8	8	8		630	40	56700
49533			Knee, total replacement arthroplasty of, revision procedure, requiring bone grafting to both femur and tibia including obtaining of graft and	103	270	1659.10	33	40	240	100	8	8	8		620	40	55800
48942			Shoulder, arthrodesis of, including removal of prosthesis, requiring bone grafting or internal fixation (Assist.)	5	240	1036.90	34	30	240	100	8	8	8	CG 16.3.99: This is an obsolete item that should be removed from	610	40	54900
44334			Interscapulothoracic (Assist.)	2	150	876.85	35	30	210	90	10	10	10		540	50	54000
48609			Scoliosis or Kyphosis, spinal fusion for, using Harrington or other nonsegmental fixation (Assist.)	5	285	1209.75	36	60	195	120	8	8	9		570	41	51870
50423			Tibia, fibula or both, congenital deficiency of, transfer of the fibula to tibia with internal fixation (Assist.)	0	240	732.95	37	40	200	100	8	10	8	*Refer to Ian Torode (Royal Childrens Hosp, Melb)	540	44	50760
47702			Spine, treatment of fracture, dislocation or fracture-dislocation with cord involvement requiring open reduction with or without internal	16	180	1382.60	38.5	45	180	100	10	10	10	CG 16.3.99: Recommend combining items 47699 and 47702. NCCH:	505	50	50500
47699			Spine, treatment of fracture, dislocation or fracture-dislocation without cord involvement requiring open reduction with or without internal fixation (Assist.)	14	180	1106.05	38.5	45	180	100	10	10	10	CG 16.3.99: Item ADDED to list by CG.	505	50	50500
49530			Knee, total replacement arthroplasty of, revision procedure, requiring bone grafting to femur or tibia including obtaining of graft and including	102	240	1451.70	40.5	40	210	100	8	8	8		560	40	50400
49519			Knee, total replacement arthroplasty of, including associated minor grafting if performed - bilateral (Assist.)	148	270	1700.00	40.5	40	200	120	8	8	8		560	40	50400
48924			Shoulder, total replacement arthroplasty, revision of, requiring bone graft to scapula or humerus or both (Assist.)	9	210	1313.45	42	30	210	90	8	9	9		540	43	50220
47591			Knee joint, treatment of fracture of, by internal fixation of intra-articular fractures of femoral condylar and tibial articular surfaces and requiring	1	225	1175.20	43	30	210	100	8	8	8		550	40	49500
46507			Digit or ray, transposition or transfer of, on vascular pedicle, complete procedure (Assist.)	19	210	944.40	44	30	210	75	8	10	8		525	44	49350
50300			Joint deformity, slow correction of, using ring fixator or similar device, including all associated attendances - payable only once in any 12	35	210	850.05	45	100	120	180	9	9	8	CG: Need to modify descriptor by deleting "12 month period" because	520	44	48880
49554			Knee, revision of total replacement of, by anatomic specific allograft of tibia or femur (Assist.)	5	210	1382.60	46.5	40	200	100	8	8	8		540	40	48600
49527			Knee, total replacement arthroplasty of, revision procedure, including removal of prosthesis (Assist.)	394	210	1175.20	46.5	30	210	90	8	8	8		540	40	48600
49524			Knee, total replacement arthroplasty of, requiring major bone grafting to femur and tibia including obtaining of graft (Assist.)	154	180	1382.60	48	40	200	90	8	8	8		530	40	47700
48606			Scoliosis or Kyphosis, spinal fusion for (without instrumentation) (Assist.)	8	285	967.75	49	40	180	120	8	8	9		520	41	47320
49321			Hip, total replacement arthroplasty of, including major bone grafting, including obtaining of graft (Assist.)	554	165	1175.20	50.5	50	180	100	8	8	8		510	40	45900
47486			Pelvic ring, treatment of fracture of, by open reduction and involving internal fixation of anterior segment including diastasis of pubic	15	210	691.25	50.5	30	180	120	8	8	8		510	40	45900
50230			Benign tumour, resection of, requiring anatomic specific allograft, with or without internal fixation (Assist.)	8	180	1244.30	52	40	180	100	8	8	8	*Refer to Prof Peter Choong (St Vincent's Melb) OR Prof Ian	500	40	45000
49115			Elbow, total joint replacement of (Assist.)	50	210	829.50	53	30	180	90	8	9	8		480	42	44160
50212			Malignant or aggressive soft tissue tumour affecting the long bones of leg or arm en bloc resection of with compartmental or wide excision of	56	165	1209.75	54	30	180	100	8	8	8	*Refer to Prof Peter Choong (St Vincent's Melb) OR Prof Ian	490	40	44100
48921			Shoulder, total replacement arthroplasty, revision of (Assist.)	21	180	1140.60	55	30	180	90	8	8	9		480	41	43680

**Consensus Group on Orthopaedic Surgery**  
**Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
49512			Knee, arthrodesis of, with removal of prosthesis (Assist.)	15	180	794.95	56.5	30	180	90	8	8	8		480	40	43200
44331			At shoulder (Assist.)	0	120	431.45	56.5	30	180	90	8	8	8		480	40	43200
50420			Patella, congenital dislocation of, reconstruction of the quadriceps (Assist.)	1	240	794.05	58	30	160	90	9	9	8		440	44	41360
46321			Interphalangeal joint or metacarpophalangeal joint, total replacement arthroplasty or hemiarthroplasty of including associated synovectomy	6	180	994.15	59	30	215	60	5	5	8		520	28	40560
50372			Knee, contracture of, posterior release involving multiple tendon lengthening with or without tenotomies and release of joint capsule with	4	240	839.85	60	30	160	80	9	9	8		430	44	40420
48618			Scoliosis, revision of failed scoliosis surgery, involving more than 1 of multiple osteotomy fusion or instrumentation (Assist.)	13	315	1797.35	61	40	150	100	8	8	9		440	41	40040
40306			Spinal stenosis, laminectomy for, involving more than 1 vertebral interspace (disc level) (Assist.)	2235	120	1054.60	62	30	150	90	9	9	9		420	45	39900
47432			Humerus, proximal, treatment of intra-articular fracture of, by open reduction (Assist.)	65	150	397.50	63	30	180	60	6.5	8	8		450	37	39150
50327			Talipes equinovarus, bilateral procedures (Assist.)	22	225	1185.95	64	30	180	40	8	8	9	CG: Need a new item for BILATERAL Talipes equinovarus,	430	41	39130
47501			Acetabulum, treatment of single column fracture of, by open reduction and internal fixation including any osteotomy osteectomy or	6	210	691.25	65	30	180	120	5	5	6.5		510	26.5	39015
49545			Knee, revision arthrodesis of (Assist.)	3	150	553.05	66	40	150	90	8	8	8		430	40	38700
50354			Tibia, pseudarthrosis of, congenital, resection and internal fixation (Assist.)	2	180	962.00	67	30	140	90	9	9	9		400	45	38000
49715			Ankle, total joint replacement of (Assist.)	6	210	829.50	71	30	150	90	8	8	8		420	40	37800
49551			Knee, revision of procedures to which item 49536, 49539 or 49542 applies (Assist.)	292	180	967.75	71	30	150	90	8	8	8		420	40	37800
49542			Knee, reconstructive surgery of cruciate ligaments (open or arthroscopic or both) including notchoplasty meniscus repair	3198	150	967.75	71	30	150	90	8	8	8		420	40	37800
49521			Knee, total replacement arthroplasty of, requiring major bone grafting to femur or tibia including obtaining of graft (Assist.)	273	165	1175.20	71	30	150	90	8	8	8		420	40	37800
49312			Hip, arthroectomy or excision arthroplasty of, including removal of prosthesis (cemented, porous coated or similar) (Assist.)	68	150	691.25	71	30	150	120	5	8	8		450	34	37800
48939			Shoulder, arthrodesis of (Assist.)	11	150	794.95	71	30	150	90	8	8	8		420	40	37800
48918			Shoulder, total replacement arthroplasty of, including any associated rotator cuff repair (Assist.)	222	150	1106.05	71	30	150	90	8	8	8		420	40	37800
50239			Malignant tumour, amputation for, not being a service to which another item in this Group applies (Assist.)	6	150	829.50	75	30	150	100	8	8	5	Refer to Prof Peter Choong (St Vincent's Melb) OR Prof Ian	430	37	37410
47588			Knee joint, treatment of fracture of, by internal fixation of intra-articular fractures of femoral condylar or tibial articular surfaces and requiring	27	180	967.75	76	30	180	90	5.5	5.5	5.5		480	27.5	37200
43518			Operation on spine or pelvic bones (for chronic osteomyelitis) - 1 bone (Assist.)	16	105	431.45	77	30	120	120	9	9	9		390	45	37050
48690			Spine, segmental internal fixation of, other than for scoliosis, being a service associated with a service to which items 48642 to 48675 apply	11	255	1106.05	78	20	200	0	5	9	9	CG 16.3.99: Check these times & ratings with neurosurgery.	420	37	36540
49306			Hip - arthrodesis of (Assist.)	7	150	794.95	79	30	150	90	5	8	9		420	35	35700
48651			Spine, bone graft to, (postero-lateral fusion) - more than 2 levels (Assist.)	117	180	1106.05	80	40	130	100	8	8	7		400	39	35600
47696			Spine, reduction of fracture or dislocation of, without cord involvement, undertaken in the operating theatre of a hospital or approved day	2	60	276.50	81	30	120	100	9	9	9	CG 16.3.99: Query the application (use) of this item and its relation to	370	45	35150
48669			Spinal fusion (anterior interbody) to cervical, thoracic or lumbar regions - more than 1 level (Assist.)	135	210	1071.50	83	40	130	90	8	8	8	CG 13.3.99: RE 48672 and 48675 - obsolete items that should be	390	40	35100
47732			Vascularised pedicle bone graft, harvesting of, in conjunction with another service (Assist.)	9	60	276.50	83	30	120	120	8	8	8	CG 16.3.99: Refer also to plastic surgery.	390	40	35100
46318			Interphalangeal joint or metacarpophalangeal joint, total replacement arthroplasty or hemiarthroplasty of, including associated synovectomy tendon transfer or realignment 4 joints (Assist.)	83	150	828.40	83	30	180	60	5	5	8		450	28	35100
47513			Sacro-iliac joint disruption, treatment of, requiring internal fixation, being a service associated with a service to which items 47501 to	0	150	276.50	85	30	120	120	6.5	8	9		390	38	34320

**Consensus Group on Orthopaedic Surgery  
Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
50387			Hip, iliopsoas tendon transfer to greater trochanter, or transfer of abdominal musculature to greater trochanter or transfer of adductors	0	180	478.45	86.5	30	130	90	8	8	8		380	40	34200
50121			Greater Trochanter, transplantation of iliopsoas tendon to (Assist.)	3	135	622.15	86.5	30	130	90	8	8	8		380	40	34200
50408			Shoulder, congenital or developmental dislocation, open reduction of (Assist.)	10	240	732.95	88.5	30	120	90	9	9	8		360	44	33840
50378			Hip, contracture of, medial release, involving lengthening of, or division of the adductors and psoas with or without division of the obturator	14	210	641.35	88.5	40	120	80	9	9	8		360	44	33840
47549			Tibia, plateau of, treatment of medial or lateral fracture of, by open reduction (Assist.)	136	90	331.80	90	30	165	90	5	5	5		450	25	33750
47534			Femur, condylar region of, treatment of intra-articular (T-shaped condylar) fracture of requiring internal fixation with or without internal	108	180	794.95	91	30	150	90	5	6.5	6.5		420	29.5	33390
40303			Recurrent disc lesion or spinal stenosis, or both, laminectomy for - 1 level (Assist.)	1189	90	800.60	92	30	120	90	8.5	8.5	8.4		360	42.4	33264
50360			Knee, leg or thigh, combined medial and lateral hamstring tendon transfer (Assist.)	5	120	478.45	93	30	120	90	9	8	8		360	42	33120
50384			Hip, contracture of, anterior release, involving lengthening of, or division of the hip flexors and psoas with or without division of the joint capsule bilateral (Assist.)	10	270	839.85	94	30	120	80	9	9	8		350	44	32900
50396			Hand, congenital abnormalities or duplication of digits, amputation or splitting of phalanx or phalanges, with ligament or joint reconstruction (Assist.)	18	120	341.05	95.5	30	120	90	8	8	8	Refer to hand surgeon	360	40	32400
49518			Knee, total replacement arthroplasty of (Assist.)	5834	150	967.75	95.5	30	120	90	8	8	8		360	40	32400
49209			Wrist, total replacement arthroplasty of (Assist.)	5	210	553.05	97	30	120	90	8	7.5	8		360	39	32040
47618			Calcaneum or talus, treatment of intra-articular fracture of, by open reduction with or without dislocation (Assist.)	77	90	432.05	98	30	150	80	5.5	5.5	5.5	CG 16.3.99: Need to separate items for calcaneum and talus. NCCH:	410	27.5	31775
47441			Humerus, proximal, treatment of intra-articular fracture of, and associated dislocation of shoulder by open reduction (Assist.)	36	150	604.85	99	30	150	60	5	6.5	8		390	31	31590
48512			Epiphysiolysis, operation to prevent closure of plate (Assist.)	23	180	656.70	100	30	130	60	8	8	8		350	40	31500
50351			Hip, congenital or developmental dislocation of, open reduction of	35	210	732.95	102	40	120	60	8	8	8		340	40	30600
49354			Hip, congenital dislocation of, open reduction of (Assist.)	8	75	622.15	102	40	120	60	8	8	8		340	40	30600
43521			Operation on skull (for chronic osteomyelitis) (Assist.)	3	105	341.00	102	30	120	90	5	8	9	CG: Refer to neurosurgeons. NCCH: ORTHOP PLEASE REVIEW. Low freq item, 0 freq for neurosurg.	360	35	30600
40330			Spinal rhizolysis involving exposure of spinal nerve roots - for lateral recess, exit foraminal stenosis, adhesive radiculopathy or extensive epidural fibrosis at 1 or more levels - with or without laminectomy	1734	150	701.25	104	30	100	90	9	9	9	CG 30.1.99: Refer to neurosurg. Find out multiplicity situation. NCCH: This has been allocated to Neuros (freq	320	45	30400
49815			Foot, triple arthrodesis of (Assist.)	149	135	553.05	105	30	110	90	9	8	5		340	39	30260
49300			Sacro-iliac joint - arthrodesis of (Assist.)	19	150	382.70	106	30	120	90	5	8	8		360	34	30240
47558			Tibia, plateau of, treatment of both medial and lateral fractures of, by open reduction (Assist.)	48	120	553.05	107	30	150	60	5	5.5	6.5		390	27.5	30225
47459			Humerus, distal (supracondylar or condylar), treatment of fracture of, by open reduction undertaken in the operating theatre of a hospital or	387	90	387.10	108	30	150	60	3	6.5	8		390	27	30030
48221			Radius and ulna, bone graft to, with internal fixation of 1 or both bones (Assist.)	31	135	553.05	109	30	150	60	5	5	6.5		390	26.5	29835
46381	+	46378	Inter-phalangeal joint, joint capsule release when performed in conjunction with operation for Dupuytren's contracture - each procedure (Assist.) + Dupuytren's contracture, fasciectomy for, from 3	423	45	220.90	110	30	130	60	5	8.5	8		350	35	29750
49106			Elbow, arthrodesis of (Assist.)	0	90	691.25	111.5	30	120	90	5	8	6.5		360	32.5	29700
48427			Femur or pelvis, osteotomy or osteectomy of, with internal fixation (Assist.)	315	165	670.50	111.5	30	120	60	8	8	8	CG 16.3.99: Recommend separate items for osteotomy and osteectomy NCCH: Report to MSRB.	330	40	29700

**Consensus Group on Orthopaedic Surgery  
Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
49318			Hip, total replacement arthroplasty of, including minor bone grafting (Assist.)	5754	150	967.75	113	50	120	90	5	6.5	5		380	28	29640
48687			Spine, segmental internal fixation of, other than for scoliosis, being a service associated with a service to which items 48642 to 48675 apply 3 or 4 levels (Assist.)	113	225	967.75	114	20	160	0	5	9	9	CG 16.3.99: Check these times & ratings with neurosurgery.	340	37	29580
50324			Talipes equinovarus, combined postero-medial release of, revision procedure (Assist.)	22	180	972.20	115	30	120	40	9	9	9		310	45	29450
47429			Humerus, proximal, treatment of fracture of, by open reduction (Assist.)	72	120	317.95	116	30	150	60	5	5	5		390	25	29250
50336			Talus, vertical, congenital, combined anterior and posterior reconstruction (Assist.)	8	195	676.95	117	30	120	40	9	9	8	CG: Need a new item for bilateral procedure. NCCH: Report to MSRB.	310	44	29140
48227			Radius or ulna, bone graft to, with internal fixation of 1 or both bones (Assist.)	93	120	359.50	118	30	145	60	5	5	6.5		380	26.5	29070
47693			Spine, treatment of fracture, dislocation or fracture-dislocation, with cord involvement including immobilisation by calipers requiring	1		967.75	119.5	30	100	100	6.5	8	9		330	38	29040
47690			Spine, treatment of fracture, dislocation or fracture-dislocation, without cord involvement, including immobilisation by calipers, requiring reduction by closed manipulation (Assist.)	7	60	760.40	119.5	30	100	100	6.5	8	9		330	38	29040
50393			Pelvis, bone graft or shelf procedures for acetabular dysplasia (Assist.)	13	210	621.00	122.5	30	100	90	8	8	8		320	40	28800
49539			Knee, reconstructive surgery of cruciate ligaments (open or arthroscopic, or both), including notchplasty when performed and surgery to other internal derangements, not being a service to which	1187	135	691.25	122.5	30	100	90	8	8	8		320	40	28800
49536			Knee, repair or reconstruction of, for chronic instability (open or arthroscopic, or both) involving either cruciate or collateral ligaments	1009	120	691.25	122.5	30	100	90	8	8	8		320	40	28800
49534			Knee, patello-femoral joint of, total replacement arthroplasty as a primary procedure (Assist.)	26	120	330.00	122.5	30	100	90	8	8	8		320	40	28800
48215			Humerus, bone graft to, with internal fixation (Assist.)	41	120	532.25	125	30	120	90	5	6.5	6.5		360	29.5	28620
48645			Spine, posterior, bone graft to, not being a service to which item 48648 or 48651 applies - more than 2 levels (Assist.)	14	195	794.95	127	40	120	100	5	5	5		380	25	28500
48615			Scoliosis, re-exploration for, involving adjustment or removal of instrumentation or simple bone grafting procedure (Assist.)	99	150	324.90	127	40	120	100	5	5	5		380	25	28500
46315			Interphalangeal joint or metacarpophalangeal joint, total replacement arthroplasty or hemiarthroplasty of, including associated synovectomy, tendon transfer or replacement - 2 joints (Assist.)	16	135	662.70	127	30	145	60	5	5	5		380	25	28500
47438			Humerus, proximal, treatment of fracture of, and associated dislocation of shoulder, by open reduction (Assist.)	18	150	483.90	129	30	130	60	5	6.5	8		350	31	28350
48648			Spine, bone graft to, (postero-lateral fusion) - 1 or 2 levels (Assist.)	785	150	794.95	130	40	100	100	6.5	6.5	6.5		340	32.5	28050
48660			Spinal fusion (anterior interbody) to cervical, thoracic or lumbar regions - 1 level (Assist.)	260	180	794.95	131.5	40	90	90	8	8	8	CG 13.3.99: RE 48663 and 48666 - obsolete items that should be removed from schedule. NCCH: Report to MSRB.	310	40	27900
48424			Femur or pelvis, osteotomy or osteectomy of (Assist.)	274	135	553.05	131.5	30	110	60	8	8	8		310	40	27900
47498			Acetabulum, treatment of fracture of, and associated dislocation of hip, requiring internal fixation with or without traction (Assist.)	3	150	518.45	133	30	120	120	3	5	5		390	21	27690
50369			Knee, contracture of, posterior release involving multiple tendon lengthening with or without tenotomies and release of joint capsule with or without cruciate ligaments, unilateral (Assist.)	3	150	478.45	134	30	90	80	9	9	8		290	44	27260
48236			Scaphoid, bone graft to, for mal-union, including osteotomy, bone graft and internal fixation (Assist.)	51	120	587.60	135	30	120	60	5	8	6.5		330	32.5	27225
50357			Knee, leg or thigh, rectus femoris tendon transfer or medial or lateral hamstring tendon transfer (Assist.)	11	120	412.30	141	30	90	90	8	8	8		300	40	27000
50209			Bone tumour, lesional or marginal excision of, combined with any 2 or more of: liquid nitrogen freezing, autograft, allograft or cementation	37	105	553.05	141	30	120	90	5	5	5	*Refer to Prof Peter Choong (St Vincent's Melb) OR Prof Ian	360	25	27000

**Consensus Group on Orthopaedic Surgery  
Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2x intra + post	= 2xcog + 2xtech + stress	Wtime x (50+Wint)
49515			Knee, removal of prosthesis, cemented or uncemented, including associated cement as the first stage of a 2 stage procedure (Assist)	64	150	622.15	141	30	120	90	5	5	5		360	25	27000
49509			Knee, total synovectomy or arthrodesis of (Assist.)	207	120	553.05	141	30	120	90	5	5	5	CG: Need separate items for synovectomy and arthrodesis.	360	25	27000
48915			Shoulder, hemiarthroplasty of (Assist.)	239	120	553.05	141	30	120	90	5	5	5		360	25	27000
47573			Tibia, shaft of, treatment of intra-articular fracture of, by open reduction with or without treatment of fibular fracture (Assist.)	83	105	501.15	141	30	120	90	5	5	5		360	25	27000
47566			Tibia, shaft of, treatment of fracture of, by intramedullary fixation and cross fixation (Assist.)	185	120	666.80	141	30	120	90	5	5	5		360	25	27000
47531			Femur, treatment of fracture of shaft, by intramedullary fixation and cross fixation (Assist.)	260	120	705.10	141	30	120	90	5	5	5		360	25	27000
43524			Operation on any combination of adjoining bones, being bones referred to in item 43515, 43518 or 43521 (for chronic osteomyelitis) (Assist.)	15	105	431.45	141	30	120	90	5	5	5		360	25	27000
43515			Operation on humerus or femur (for chronic osteomyelitis) - 1 bone	35	90	261.65	141	30	120	90	5	5	5		360	25	27000
40300			Intervertebral disc or discs, laminectomy for removal of (Assist.)	1640	90	701.25	141	30	90	90	8	8	8	CG: Need to split by number of discs. NCCH: report to MSRB	300	40	27000
47687			Spine, treatment of fracture, dislocation or fracture-dislocation, with spinal cord involvement, including immobilisation by calipers, and including up to 14 days post-operative care (Assist.)	3		967.75	147.5	30	100	100	5	6.5	8		330	31	26730
47451			Humerus, shaft of, treatment of fracture of, by intramedullary fixation (Assist.)	71	150	400.00	147.5	30	120	60	5	6.5	8		330	31	26730
49569			Knee, mobilisation for post-traumatic stiffness, by multiple muscle or tendon release (quadricepsoplasty) (Assist.)	45	120	553.05	149	30	100	90	7	7	5		320	33	26560
47615			Calcaneum or talus, treatment of fracture of, by open reduction, with or without dislocation (Assist.)	14	90	345.60	150	30	120	80	5	5	5	CG 16.3.99: Need to separate items for calcaneum and talus. NCCH:	350	25	26250
49309			Hip, arthroctomy or excision arthroplasty of, including removal of prosthesis (Austin Moore or similar (non cement)) (Assist.)	58	120	553.05	151.5	30	90	120	5	6.5	6.5		330	29.5	26235
47468			Scapula, neck or glenoid region of, treatment of fracture of, by open reduction (Assist.)	30	120	317.95	151.5	30	120	60	5	6.5	6.5		330	29.5	26235
46417			Tendon transfer for restoration of hand function, each transfer (Assist.)	579	75	358.95	153.5	30	100	60	8	8	8		290	40	26100
46408			Tendon, reconstruction of, by tendon graft (Assist.)	108	105	508.10	153.5	30	100	60	8	8	8		290	40	26100
48933			Shoulder, stabilisation procedure for multi-directional instability, anterior or posterior (or both) repair when performed (Assist.)	584	120	725.85	155	30	100	90	5	6.5	8.5		320	31.5	26080
46378			Dupuytren's contracture, fasciectomy for, from 3 or more rays, including dissection of nerves - 1 hand (Assist.)	351	150	497.05	156	30	120	60	5	6	7		330	29	26070
48415			Humerus, osteotomy or osteectomy of, with internal fixation (Assist.)	59	120	587.60	157	30	120	60	5	6.5	5		330	28	25740
49517			Knee, hemiarthroplasty of (Assist.)	226	120	885.80	158	30	110	60	7	7	5		310	33	25730
48642			Spine, posterior, bone graft to, not being a service to which item 48648 or 48651 applies - 1 or 2 levels (Assist.)	31	165	587.60	159.5	40	100	100	5	5	5		340	25	25500
47528			Femur, treatment of fracture of, by internal fixation or external fixation (Assist.)	209	90	553.05	159.5	30	110	90	5	5	5		340	25	25500
48930			Shoulder, stabilisation procedure for recurrent anterior or posterior dislocation (Assist.)	529	105	553.05	161	30	100	90	5	6.5	6.5		320	29.5	25440
46360			Digit, synovectomy of flexor tendon or tendons - 5 digits (Assist.)	7	105	538.45	162	30	150	60	3	2	5		390	15	25350
47393			Radius and ulna, shafts of, treatment of fracture of, by open reduction (Assist.)	210	90	400.95	163	30	120	60	5	5	6.5		330	26.5	25245
50405			Elbow, flexorplasty, or tendon transfer to restore elbow function (Assist.)	10	150	422.45	164.5	30	80	90	8	8	8		280	40	25200
48957			Shoulder, arthroscopic stabilisation of, for recurrent instability including labral repair or reattachment when performed - not being a service associated with any other arthroscopic procedure of the shoulder (Assist.)	256	150	794.95	164.5	30	80	90	8	8	8		280	40	25200
47684			Spine, treatment of fracture, dislocation or fracture-dislocation, without spinal cord involvement including immobilisation by calipers (Assist.)	16	60	553.05	166	30	100	80	5	6.5	8		310	31	25110
49215			Wrist, reconstruction of, including repair of single or multiple ligaments or capsules including associated arthroscopy (Assist.)	166	135	477.00	167	30	100	90	5	6.5	5		320	28	24960

**Consensus Group on Orthopaedic Surgery  
Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
49200			Wrist, arthrodesis of, including bone graft, with or without internal fixation of the radiocarpal joint (Assist.)	97	90	601.40	169.5	30	120	60	5	5	5		330	25	24750
48506			Femur, tibia and fibula, epiphysiodesis of (Assist.)	19	150	359.50	169.5	30	120	60	5	5	5		330	25	24750
48209			Tibia, bone graft to, with internal fixation (Assist.)	110	120	532.25	169.5	30	120	60	5	5	5		330	25	24750
48203			Femur, bone graft to, with internal fixation (Assist.)	82	150	670.50	169.5	30	120	60	5	5	5		330	25	24750
47483			Pelvic ring, treatment of fracture of, requiring control by external fixation (Assist.)	5	90	414.75	172	45	90	120	3	5	5		345	21	24495
50375			Hip, contracture of, medial release, involving lengthening of, or division of the adductors and psoas with or without division of the obturator foramen (Assist.)	21	150	366.50	173	40	70	80	9	9	8		260	44	24440
47420			Humerus, treatment of fracture of tuberosity of, and associated dislocation of shoulder, by open reduction (Assist.)	18	120	380.20	174	30	120	60	3	5	8		330	24	24420
49563			Knee, arthroscopic surgery of, involving 1 or more of: meniscus repair, osteochondral graft; or chondral graft - not associated with any other arthroscopic procedure of the knee region (Assist.)	2022	75	585.00	176	30	90	60	8	8	8		270	40	24300
49506			Knee, meniscectomy of, repair of collateral or cruciate ligament, patellectomy of, chondroplasty of, osteoplasty of, patello-femoral stabilisation or single transfer of ligament or tendon or any other single arthroscopic procedure of the knee region (Assist.)	838	120	539.20	176	30	90	60	8	8	8		270	40	24300
48960			Shoulder, reconstruction or repair of, including repair of rotator cuff by arthroscopic, arthroscopic assisted or mini open means; arthroscopic acromioplasty or resection of acromioclavicular joint by separate procedure (Assist.)	457	150	691.25	176	30	90	60	8	8	8		270	40	24300
48936			Shoulder, synovectomy of, as an independent procedure (Assist.)	10	105	553.05	178	30	100	90	5	5	5		320	25	24000
44361			Foot at ankle (Syme, Pirogoff types) (Assist.)	7	75	261.65	179	30	100	60	6.5	6.5	6.5		290	32.5	23925
50366			Knee, contracture of, posterior release involving multiple tendon lengthening or tenotomies, bilateral (Assist.)	26	210	641.35	180	30	80	80	8	8	6.5		270	38.5	23895
48212			Humerus, bone graft to (Assist.)	42	90	415.15	181	30	90	90	5	6.5	6.5		300	29.5	23850
49112			Elbow, silastic or other replacement of radial head (Assist.)	17	135	518.45	182	30	100	75	5	6.5	5		305	28	23790
50381			Hip, contracture of, anterior release, involving lengthening of, or division of the hip flexors and psoas with or without division of the joint capsule, unilateral (Assist.)	10	150	478.45	183	30	70	80	9	9	8		250	44	23500
49842			Foot, correction of hallux rigidus or hallux valgus by prosthetic arthroplasty - bilateral (Assist.)	30	120	656.70	185	30	100	60	8	5	5		290	31	23490
49227			Wrist, arthroscopic pinning of osteochondral fragment or stabilisation procedure for ligamentous disruption - not being a service associated with any other arthroscopic procedure of the wrist joint (Assist.)	14	90	518.45	185	30	100	60	5	8	5		290	31	23490
47450			Humerus, shaft of, treatment of fracture of, by internal or external fixation (Assist.)	116	120	331.80	185	30	100	60	5	6.5	8		290	31	23490
47519			Femur, treatment of trochanteric or subcapital fracture of, by internal fixation (Assist.)	2466	90	636.00	187	30	120	90	3	3	3		360	15	23400
49346			Hip, revision arthroplasty with replacement of acetabular liner or ceramic head, not requiring removal of femoral component of arthroplasty (Assist.)	64	120	622.15	188.5	40	90	90	5	5	5		310	25	23250
46312			Interphalangeal joint or metacarpophalangeal joint, total replacement arthroplasty or hemiarthroplasty of, including associated synovectomy, tendon transfer or realignment - 2 joints (Assist.)	34	105	497.05	188.5	30	110	60	5	5	5		310	25	23250
49724			Ankle, Achilles' tendon, secondary repair or reconstruction of (Assist.)	223	120	483.90	190	30	80	90	6.5	6.5	6.5		280	32.5	23100
50321			Talipes equinovarus, combined postero-medial release of (Assist.)	51	90	682.05	191	30	100	30	8	8	6.5		260	38.5	23010
50342			Foot and ankle, tibialis or tibialis posterior tendon transfer, through the interosseous membrane to anterior or posterior aspect of foot (Assist.)	24	120	478.45	192	30	80	60	9	8	8		250	42	23000
48909			Shoulder, repair of rotator cuff, including decompression of subacromial space by acromioplasty, excision of coraco-acromial ligament and distal clavicle, or any combination, not being a service associated with any other arthroscopic procedure of the shoulder joint (Assist.)	2336	120	553.05	193	30	100	75	5	5	5		305	25	22875



**Consensus Group on Orthopaedic Surgery  
Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
46357			Digit, synovectomy of flexor tendon or tendons - 4 digits (Assist.)	22	90	447.35	194	30	125	60	3	3	5		340	17	22780
43509			Operation on spine or pelvic bones (for acute osteomyelitis) - 1 bone (Assist.)	6	105	261.65	195	30	100	90	3	5	5		320	21	22720
47624			Tarso-metatarsal, treatment of fracture of, by open reduction, with or without dislocation (Assist.)	46	75	414.75	196.5	30	90	80	5	6.5	5		290	28	22620
46325			Carpal bone replacement or resection arthroplasty using adjacent tendon or other soft tissue including associated tendon transfer or realignment when performed (Assist.)	389	150	618.55	196.5	30	100	60	5	6.5	5		290	28	22620
50206			Bone tumour, lesional or marginal excision of, combined with any 1 of: liquid nitrogen freezing, autograft, allograft or cementation (Assist.)	82	90	449.35	200.5	30	90	90	5	5	5	*Refer to Prof Peter Choong (St Vincent's Melb) OR Prof Ian Dickinson (Brisbane)	300	25	22500
50203			Bone or malignant deep soft tissue tumour, lesional or marginal	264	75	304.20	200.5	30	90	90	5	5	5	*Refer to Prof Peter Choong (St Vincent's Melb) OR Prof Ian Dickinson (Brisbane)	300	25	22500
49566			Knee, arthroscopic total synovectomy of (Assist.)	538	120	553.05	200.5	30	90	90	5	5	5		300	25	22500
49315			Hip, arthroplasty of, unipolar or bipolar (Assist.)	426	90	622.15	200.5	30	90	90	5	5	5		300	25	22500
47570			Tibia, shaft of, treatment of fracture of, by open reduction, with or without treatment of fibular fracture (Assist.)	35	90	400.95	200.5	30	90	90	5	5	5	CG 16.3.99: Recommend to combine this item with 47565. NCCH: Report	300	25	22500
47565			Tibia, shaft of, treatment of fracture of, by internal fixation or external fixation (Assist.)	177	105	523.00	200.5	30	90	90	5	5	5		300	25	22500
46435			Flexor tendon of hand, secondary repair of, distal to A1 pulley, each tendon (Assist.)	147	90	386.60	204.5	30	90	60	6.5	6.5	6.5		270	32.5	22275
46375			Dupuytren's contracture, fasciectomy for, from 2 rays, including dissection of nerves - 1 hand (Assist.)	614	120	372.80	204.5	30	90	60	5	8	6.5		270	32.5	22275
49103			Elbow, ligamentous stabilisation of (Assist.)	83	75	518.45	206	30	90	75	5	6.5	5		285	28	22230
47012			Shoulder, treatment of dislocation of, requiring general anaesthesia, open reduction (Assist.)	10	75	248.85	207	30	100	60	5	5	6.5		290	26.5	22185
47051			Hip, treatment of dislocation of, by open reduction (Assist.)	21	75	317.95	208	30	90	60	5	7	8		270	32	22140
48954			Shoulder, arthroscopic total synovectomy of, including release of contracture when performed - not being a service associated with any other arthroscopic procedure of the shoulder region (Assist.)	276	120	691.25	209	30	75	90	5	8	5		270	31	21870
50127			Joint or joints, arthroplasty of, by any technique not being a service to which another item applies (Assist.)	143	165	515.85	210.5	30	100	60	5	5	5	CG: This item is not specific enough. It should be deleted; the \$ is high and	290	25	21750
46405			Phalanx or metacarpal, bone grafting of, for pseudarthrosis (non-union), involving internal fixation and including obtaining of graft	35	90	463.90	210.5	30	100	60	5	5	5		290	25	21750
47603			Ankle joint, treatment of fracture of, by internal fixation of more than 1 of malleolus, fibula or diastasis (Assist.)	954	90	414.75	212	30	100	90	3.5	3.5	3.5		320	17.5	21600
46447			Boutonniere deformity with joint contracture, reconstruction of (Assist.)	31	90	447.35	213	30	90	60	5	6.5	6.5		270	29.5	21465
49206			Wrist, proximal carpectomy of, including styloidectomy when performed (Assist.)	34	90	414.75	214	30	90	75	5	5	5		285	25	21375
43506			Operation on humerus or femur (for acute osteomyelitis) - 1 bone	15	90	261.65	215	30	90	90	3	5	5		300	21	21300
46414			Artificial tendon prosthesis, insertion of in preparation for tendon grafting (Assist.)	37	90	386.50	216	30	80	60	7	7	7		250	35	21250
48242			Bone graft, with internal fixation, not being a service to which another item in this Group applies (Assist.)	466	90	449.35	217	30	90	60	5	6.5	5		270	28	21060
49712			Ankle, arthrodesis of (Assist.)	237	105	553.05	218.5	30	90	70	5	5	5		280	25	21000
49548			Knee, revision of patello-femoral stabilisation (Assist.)	120	105	691.25	218.5	30	80	90	5	5	5		280	25	21000
49836			Foot, correction of hallux valgus by osteotomy of first metatarsal including internal fixation when performed - bilateral (Assist.)	414	105	656.70	220.5	30	90	60	6	5	5		270	27	20790
49830			Foot, correction of hallux valgus and transfer of adductor hallucis tendon - bilateral (Assist.)	43	105	604.85	220.5	30	90	60	6	5	5		270	27	20790
48951			Shoulder, arthroscopic division of coraco-acromial ligament including acromioplasty - not being a service associated with any other	2280	90	656.70	222	30	80	75	5	6.5	5		265	28	20670

**Consensus Group on Orthopaedic Surgery  
Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
47612			Calcaneum or talus, treatment of intra-articular fracture of, by closed reduction, with or without dislocation (Assist.)	30	45	300.70	223	20	90	80	5	5	3	CG 16.3.99: Need to separate items for calcaneum and talus. NCCH: Report to MSRB.	280	23	20440
49203			Wrist, limited arthrodesis of the intercarpal joint, including bone graft (Assist.)	104	90	449.35	230.5	30	90	60	5	5	5		270	25	20250
48418			Tibia, osteotomy or osteectomy of (Assist.)	328	60	463.15	230.5	30	90	60	5	5	5	270	25	20250	
48412			Humerus, osteotomy or osteectomy of (Assist.)	190	75	463.15	230.5	30	90	60	5	5	5	270	25	20250	
47630			Tarsus (excluding calcaneum or talus), treatment of fracture of, by open reduction with or without dislocation (Assist.)	45	75	248.85	230.5	30	80	80	5	5	5	270	25	20250	
47585			Patella, treatment of fracture of, by internal fixation (Assist.)	185	90	311.10	230.5	30	90	90	3.5	3.5	3.5	300	17.5	20250	
47357			Carpal scaphoid, treatment of fracture of, by open reduction (Assist.)	161	105	276.50	230.5	30	90	60	5	5	5	270	25	20250	
47351			Carpus (excluding scaphoid), treatment of fracture of, by open reduction	35	90	172.85	230.5	30	90	60	5	5	5	270	25	20250	
47066			Ankle or tarsus, treatment of dislocation of, by open reduction (Assist.)	23	105	248.85	230.5	30	90	60	5	5	5	270	25	20250	
46345			Distal radioulnar joint, reconstruction or stabilisation of, including fusion, or ligamentous arthroplasty and excision of distal ulna, when performed (Assist.)	100	90	414.20	230.5	30	90	60	5	5	5	270	25	20250	
44328			Hand, forearm or through arm (Assist.)	3	75	261.65	230.5	30	90	60	5	5	5	270	25	20250	
44325			Hand, midcarpal or transmetacarpal (Assist.)	4	60	217.10	230.5	30	90	60	5	5	5	270	25	20250	
43512			Operation on scapula, sternum, clavicle, rib, ulna, radius, metacarpus, carpus, phalanx, tibia, fibula, metatarsus, tarsus, mandible or maxilla (other than alveolar margins) (for chronic osteomyelitis) - 1 bone or any	192	45	261.65	230.5	30	75	90	5	5	5	270	25	20250	
39327			Neurectomy, neurotomy or removal of tumour from deep peripheral nerve by open operation (Assist.)	708	60	347.85	230.5	30	90	60	5	5	5	CG: Need to split item; neurectomy/neurotomy is one item and removal	270	25	20250
30241			Bone tumour, innocent, excision of, not being a service to which another item in this Group applies (Assist.)	231	45	261.65	230.5	30	90	60	5	5	5	CG: Need to split item - difficult/not so difficult. NCCH: report to MSRB	270	25	20250
50118			Subtalar joint, arthrodesis of (Assist.)	149	120	317.95	238	30	75	60	8	6.5	5	240	34	20160	
48218			Radius and ulna, bone graft to (Assist.)	8	105	415.15	239	30	100	60	5	3	3	290	19	20010	
48233			Scaphoid, bone graft to, for non-union, with internal fixation (Assist.)	212	105	449.35	240	30	80	60	5	6.5	6.5	250	29.5	19875	
46384	+	46372	Z plasty (or similar local flap procedure) when performed in conjunction with operation for Dupuytren's contracture - 1 such procedure (Assist.)	3807	45	220.90	241	30	75	60	5	8.5	5	240	32	19680	
			+ Dupuytren's contracture, fasciectomy for, from 1 ray, including														
47414			Humerus, treatment of fracture of tuberosity of, by open reduction	22	90	165.95	242	30	90	60	3	5	6.5	270	22.5	19575	
48421			Tibia, osteotomy or osteectomy of, with internal fixation (Assist.)	1038	75	587.60	244.5	30	105	60	3	3	3	300	15	19500	
47537			Femur, condylar region of, treatment of fracture of, requiring internal fixation of 1 or more osteochondral fragments, not being a service associated with a service to which item 47524 applies (Assist.)	34	135	317.95	244.5	30	90	90	3	3	3	300	15	19500	
46432			Flexor tendon of hand, primary repair of, distal to A1 pulley, each tendon (Assist.)	400	75	331.40	244.5	30	80	60	5	6.5	5	250	28	19500	
46324			Carpal bone replacement arthroplasty including associated tendon transfer or realignment when performed (Assist.)	73	120	592.80	244.5	30	85	60	5	5	5	260	25	19500	
50339			Foot and ankle, tibialis anterior tendon (split or whole) transfer to lateral column (Assist.)	26	105	412.30	247.5	30	60	60	9	8	8	210	42	19320	
48636			Percutaneous lumbar discectomy, 1 or more levels (Assist.)	84	90	594.45	247.5	30	70	60	6.5	6.5	8	230	34	19320	

**Consensus Group on Orthopaedic Surgery  
Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
47525			Femur, treatment of fracture of, for slipped capital femoral epiphysis (Assist.)	123	90	636.00	249	30	90	60	3	5	5	CG 16.3.99: New item needed for bilateral procedure. NCCH: Report to MSRB.	270	21	19170
50333			Tarsal coalition, excision of, with interposition of muscle, fat graft or similar graft (Assist.)	76	120	453.00	250	30	60	60	8	8	8		210	40	18900
47657			Metatarsals, 3 or more of, treatment of fracture of, by open reduction (Assist.)	18	90	345.60	252	30	90	80	3	3	3		290	15	18850
47386			Radius or ulna, shaft of, treatment of fracture of, in conjunction with dislocation of distal radio- ulnar joint or proximal radio-humeral joint (Galeazzi or Monteggia injury), by open reduction or internal fixation	131	120	345.60	252	30	100	60	3	3	3		290	15	18850
46354			Digit, synovectomy of flexor tendon or tendons - 3 digits (Assist.)	17	75	358.95	252	30	100	60	3	3	3		290	15	18850
49709			Ankle, ligamentous stabilisation of (Assist.)	640	75	518.45	255	30	75	70	5	5	5		250	25	18750
47333			Proximal phalanx of finger or thumb, treatment of intra-articular fracture of, by open reduction (Assist.)	251	60	207.35	255	30	80	60	5	5	5	CG: Should split item to involve PIP joint and MCP joint as separate	250	25	18750
46442			Mallet finger with intra-articular fracture involving more than one-third of base of terminal phalanx - open reduction (Assist.)	33	60	206.20	255	30	80	60	5	5	5		250	25	18750
49863			Foot, synovectomy of metatarsophalangeal joint, 2 or more joints (Assist.)	42	75	311.10	257.5	30	75	60	6.5	5	5	CG: This items should be deleted and the multiple rule applied to 49860 for 2 or more joints. NCCH: Report to the MSRB.	240	28	18720
48948			Shoulder, arthroscopic surgery of, involving any 1 or more of: removal of loose bodies; decompression of calcium deposit; debridement of labrum, synovium or rotator cuff; or chondroplasty - not being a service	801	75	449.35	257.5	30	75	60	5	6.5	5		240	28	18720
48409			Fibula, radius, ulna, clavicle, scapula (other than acromion), rib, tarsus or carpus, osteotomy or osteectomy with internal fixation (Assist.)	387	75	380.20	260	30	90	60	3	5	3		270	19	18630
47006			Clavicle, treatment of dislocation of, by open reduction	32	60	125.05	260	30	90	60	3	5	3		270	19	18630
46333			Inter-phalangeal joint or metacarpophalangeal joint, ligamentous repair of, using free tissue graft or implant (Assist.)	101	60	414.20	260	30	90	60	3	5	3		270	19	18630
46444			Boutonniere deformity without joint contracture, reconstruction of	45	75	358.95	262	30	70	60	5	6.5	6.5		230	29.5	18285
49812			Foot, tendon or ligament transplantation of, not being a service to which another item in this Group applies (Assist.)	378	90	317.95	263	30	60	60	8	8	5		210	37	18270
40336			Intradiscal injection of chymopapain (discase) - 1 disc (Assist.)	136	60	231.95	264	30	60	60	5	9	8		210	36	18060
91282			Consultation in a hospital of approximately 75 minutes duration with an existing patient seen on a referred basis				267	15	75	25	9	9	9		190	45	18050
91082			Home visit exceeding 75 minutes duration with an existing patient seen on a referred basis				267	15	75	25	9	9	9		190	45	18050
90982			Consultation at other institution exceeding 75 minutes duration with an existing patient seen on a referred basis				267	15	75	25	9	9	9		190	45	18050
90882			Consultation at a nursing home exceeding 75 minutes duration with an existing patient seen on a referred basis				267	15	75	25	9	9	9		190	45	18050
90782			Consultation in rooms exceeding 75 minutes duration with an existing patient seen on a referred basis				267	15	75	25	9	9	9		190	45	18050
50309			Ring fixator or similar device, adjustment of, with or without insertion or removal of fixation pins, performed under general anaesthesia in the operating theatre of a hospital or approved day hospital facility, not being a service to which item 60200 applies	79	75	223.95	274	30	75	60	5	5	5		240	25	18000
48927			Shoulder prosthesis, removal of (Assist.)	3	90	269.55	274	30	60	90	5	5	5		240	25	18000
48503			Tibia and fibula, epiphysodesis of (Assist.)	32	90	242.00	274	30	75	60	5	5	5		240	25	18000
47975			Forearm or calf, decompression fasciotomy of, for acute compartment syndrome requiring excision of muscle and deep tissue (Assist.)	97	75	271.00	274	30	75	60	5	5	5		240	25	18000
47465			Clavicle, treatment of fracture of, by open reduction	125	75	165.95	274	30	75	60	5	5	5		240	25	18000
47330			Proximal phalanx of finger or thumb, treatment of fracture of, by open reduction	175	60	165.95	274	30	75	60	5	5	5		240	25	18000

**Consensus Group on Orthopaedic Surgery  
Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
46309			Interphalangeal joint or metacarpophalangeal joint, total replacement arthroplasty or hemiarthroplasty of including associated synovectomy	105	90	386.60	274	30	75	60	5	5	5		240	25	18000
46307			Interphalangeal joint or metacarpophalangeal joint - volar plate arthroplasty for traumatic deformity including tendon transfers or realignment on the 1 ray (Assist.)	91	90	386.60	274	30	75	60	5	5	5		240	25	18000
46306			Inter-phalangeal joint or metacarpophalangeal joint - interposition arthroplasty of and including tendon transfers or realignment on the 1 ray (Assist.)	51	90	386.60	274	30	75	60	5	5	5		240	25	18000
48906			Shoulder, repair of rotator cuff, including excision of coraco-acromial ligament or removal of calcium deposit from cuff, or both - not being a service associated with a service to which item 48900 applies (Assist.)	379	105	414.75	279	30	80	60	3	5	5		250	21	17750
50363			Knee, contracture of, posterior release involving multiple tendon lengthening or tenotomies, unilateral (Assist.)	18	120	366.50	280	30	45	80	8	8	6.5		200	38.5	17700
50112			Cicatricial flexion or extension contraction of joint, correction of, involving tissues deeper than skin and subcutaneous tissue, not being a service to which another item in this Group applies (Assist.)	161	90	265.10	281.5	30	60	60	6.5	8	5		210	34	17640
47456			Minimum rating is 1	346	45	290.40	281.5	30	60	60	6.5	6.5	8		210	34	17640
48200			Femur, bone graft to (Assist.)	114	120	553.05	285.5	30	90	60	3	3	3		270	15	17550
47717			Halo-thoracic traction - application of both halo and thoracic jacket (Assist.)	3	90	311.1	285.5	30	60	120	3	3	3	CG 16.3.99: Item ADDED to list by CG.	270	15	17550
47600			Ankle joint, treatment of fracture of, by internal fixation of 1 of malleolus, fibula or diastasis (Assist.)	728	60	317.95	285.5	30	75	90	3	3	3		270	15	17550
47522			Femur, treatment of subcapital fracture of, by hemi- arthroplasty	768	90	553.05	285.5	30	60	120	3	3	3		270	15	17550
47495			Acetabulum, treatment of fracture of, and associated dislocation of hip, requiring traction (Assist.)	11	45	345.60	285.5	30	60	120	3	3	3		270	15	17550
47375			Radius, distal end of, treatment of Colles', Smith's or Barton's fracture, by open reduction (Assist.)	482	75	276.50	285.5	30	90	60	3	3	3		270	15	17550
49366			Hip, arthroscopic surgery of (Assist.)	85	90	449.35	289.5	30	75	30	5	9	5		210	33	17430
49363			Hip, diagnostic arthroscopy of, with synovial biopsy (Assist.)	15	75	304.15	289.5	30	75	30	5	9	5	CG 16.3.99: Recommend merge of items 49360 and 49366.	210	33	17430
50345			Hyperextension deformity of toe, release incorporating V-Y plasty of skin, lengthening of extensor tendons and release of capsule	36	75	254.50	291.5	30	60	60	6.5	6.5	6.5		210	32.5	17325
50312			Ankle, synovectomy of (Assist.)	32	120	514.10	291.5	30	60	60	6.5	6.5	6.5		210	32.5	17325
46453			Flexor tendon, tenolysis of, following tendon injury, repair or graft (Assist.)	303	90	276.15	293	30	70	60	5	5	5		230	25	17250
46399			Phalanx or metacarpal of the hand, osteotomy of, with internal fixation (Assist.)	55	60	380.20	294.5	30	75	60	3	5	5		240	21	17040
43503			Operation on sternum, clavicle, rib, ulna, radius, carpus, tibia, fibula, tarsus, skull, mandible or maxilla (other than alveolar margins) (for Foot, correction of hallux rigidus or hallux valgus by prosthetic arthroplasty - unilateral (Assist.)	49	75	150.30	294.5	30	60	90	3	5	5		240	21	17040
49839			Foot, correction of hallux rigidus or hallux valgus by prosthetic arthroplasty - unilateral (Assist.)	141	90	380.20	297	30	60	60	8	5	5		210	31	17010
49827			Foot, correction of hallux valgus and transfer of adductor hallucis tendon - unilateral (Assist.)	183	75	345.60	297	30	60	60	8	5	5		210	31	17010
46372			Dupuytren's contracture, fasciectomy for, from 1 ray, including dissection of nerves - 1 hand (Assist.)	902	105	314.20	297	30	60	60	5	8	5		210	31	17010
47920			Bone growth stimulator, insertion of (Assist.)	1	60	279.60	300.5	30	75	80	3	3	3		260	15	16900
47678			Phalanx of toe (other than great toe), more than 1 of, treatment of fracture of by open reduction	46	90	124.45	300.5	30	75	80	3	3	3		260	15	16900
47582			Patella, treatment of fracture of, by excision of patella or pole with reattachment of tendon (Assist.)	29	75	242.00	300.5	30	75	80	3	3	3		260	15	16900
47480			Pelvic ring, treatment of fracture of, requiring traction (Assist.)	12	30	345.60	300.5	20	60	120	3	3	3		260	15	16900
48224			Radius or ulna, bone graft to (Assist.)	51	90	276.50	303	30	75	60	3	5	3		240	19	16560
50402			Torticollis, bipolar release of sternocleidomastoid muscle and associated soft tissue (Assist.)	15	105	310.50	304.5	30	45	80	6.5	6.5	6.5		200	32.5	16500
30235			Muscle, ruptured, repair of (extensive), not associated with external wound (Assist.)	32	45	217.10	304.5	30	90	90	1	1	1		300	5	16500

**Consensus Group on Orthopaedic Surgery  
Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
50109			Joint, arthrodesis of, not being a service to which another item in this Group applies (Assist.)	639	90	345.60	308.5	30	60	60	6.5	5	5		210	28	16380
50104			Joint, synovectomy of, not being a service to which another item in this Group applies (Assist.)	113	75	229.25	308.5	30	60	60	6.5	5	5	CG: More specificity is needed in the description of this item. NCCH: Report to the MSRB.	210	28	16380
50103			Joint, arthrotomy of, not being a service to which another item in this Group applies (Assist.)	388	75	242.00	308.5	30	60	60	6.5	5	5		210	28	16380
49854			Foot, radical plantar fasciotomy or fasciectomy of (Assist.)	500	75	276.50	308.5	30	60	60	6.5	5	5		210	28	16380
49121			Elbow, arthroscopic surgery involving any 1 or more of: drilling of defect removal of loose body release of contracture or adhesions	360	75	449.35	308.5	30	60	60	5	6.5	5		210	28	16380
30023			Wound of soft tissue, deep or extensively contaminated, debridement of under general anaesthesia or regional or field block including	6956	45	239.40	308.5	30	60	60	5	5	8		210	28	16380
47384			Radius or ulna, shaft of, treatment of fracture of, by open reduction (Assist.)	144	75	248.85	312	30	80	60	3	3	3		250	15	16250
50200			Aggressive or potentially malignant bone or deep soft tissue tumour, biopsy of (not including aftercare)	277	30	138.25	313	30	60	30	8	8	8	Refer to Prof Peter Choong (St Vincent's Melb) OR Prof Ian	180	40	16200
47408			Radius, treatment of fracture of head or neck of, open management of, including internal fixation and excision where performed (Assist)	159	105	276.50	314	30	75	60	3	3	5	CG: Separate items for treatment of fracture of radius by excision and	240	17	16080
50318			Talipes equinovarus, medial release of (Assist.)	12	60	509.00	315.5	30	60	30	8	8	6.5		180	38.5	15930
50315			Talipes equinovarus, posterior release of (Assist.)	25	60	509.00	315.5	30	60	30	8	8	6.5		180	38.5	15930
48903			Shoulder, decompression of subacromial space by acromionectomy, excision of coraco-acromial ligament and distal clavicle or any	640	105	414.75	317.5	30	70	60	3	5	3		230	19	15870
47345			Metacarpal, treatment of intra-articular fracture of, by open reduction (Assist.)	204	75	207.35	317.5	30	70	60	3	5	3		230	19	15870
50130			Joint or joints, application of external fixator to, other than for treatment of fractures (Assist.)	12	75	229.25	326.5	30	60	60	5	5	5		210	25	15750
50106			Joint, stabilisation of, involving 1 or more of: repair of capsule, repair of ligament or internal fixation not being a service to which another item	1380	45	345.60	326.5	30	60	60	5	5	5	CG: More specificity is needed in the description of this item. NCCH:	210	25	15750
49718			Ankle, Achilles' tendon or other major tendon, repair of (Assist.)	738	90	276.50	326.5	30	60	60	5	5	5		210	25	15750
49703			Ankle, arthroscopic surgery of (Assist.)	1522	60	449.35	326.5	30	60	60	5	5	5		210	25	15750
49503			Knee, meniscectomy of, repair of collateral or cruciate ligament, patellectomy of chondroplasty of osteoplasty of patello-femora	561	90	359.50	326.5	30	60	60	5	5	5		210	25	15750
49500			Knee, arthrotomy of, involving 1 or more of: capsular release, biopsy or lavage or removal of loose body or foreign body (Assist)	609	45	276.50	326.5	30	60	60	5	5	5		210	25	15750
49303			Hip, arthrotomy of, including lavage, drainage or biopsy when performed (Assist.)	205	60	400.95	326.5	30	60	60	5	5	5		210	25	15750
49212			Wrist, arthrotomy of	128	60	172.85	326.5	30	60	60	5	5	5		210	25	15750
49109			Elbow, total synovectomy of (Assist.)	66	105	518.45	326.5	30	60	60	5	5	5		210	25	15750
49100			Elbow, arthrotomy of, involving 1 or more of lavage, removal of loose body or division of contracture (Assist.)	393	60	242.00	326.5	30	60	60	5	5	5		210	25	15750
48912			Shoulder, arthrotomy of (Assist.)	93	45	242.00	326.5	30	60	60	5	5	5		210	25	15750
48500			Femur, epiphysiodesis of (Assist.)	34	90	242.00	326.5	30	60	60	5	5	5		210	25	15750
48239			Bone graft, not being a service to which another item in this Group applies (Assist.)	316	75	324.90	326.5	30	60	60	5	5	5		210	25	15750
48230			Scaphoid, bone graft to, for non-union (Assist.)	29	75	311.10	326.5	30	60	60	5	5	5		210	25	15750
47951			Tendon, repair of, not being a service to which another item in this Group applies (Assist.)	135	30	138.25	326.5	30	60	60	5	5	5	NCCH: CG please review - new allocate	210	25	15750
46492			Contracture of digits of hand, flexor or extensor, correction of, involving tissues deeper than skin and subcutaneous tissue (Assist)	128	75	265.10	326.5	30	60	60	5	5	5	CG: Need description clarification. NCCH: report to MSRB	210	25	15750

**Consensus Group on Orthopaedic Surgery  
Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
91281			Consultation in a hospital of approximately 75 minutes duration with a new patient seen on a referred basis				337	5	75	10	9	9	9		165	45	15675
91081			Home visit exceeding 75 minutes duration with a new patient seen on a referred basis				337	5	75	10	9	9	9		165	45	15675
90981			Consultation at other institution exceeding 75 minutes duration with a new patient seen on a referred basis				337	5	75	10	9	9	9		165	45	15675
90881			Consultation at a nursing home exceeding 75 minutes duration with a new patient seen on a referred basis				337	5	75	10	9	9	9		165	45	15675
90781			Consultation in rooms exceeding 75 minutes duration with a new patient seen on a referred basis				337	5	75	10	9	9	9		165	45	15675
48684			Spine, segmental internal fixation of, other than for scoliosis, being a service associated with a service to which any one of items 48642 to 48675 applies - 1 or 2 levels (Assist.)	741	165	691.25	340	20	80	0	5	9	9	CG 16.3.99: Check these times & ratings with neurosurgery. RE 48681 obsolete item that should be removed from schedule. NCCH: Report to MSRB.	180	37	15660
49224			Wrist, arthroscopic debridement of 2 or more distinct areas; or osteoplasty including excision of the distal ulna; or total synovectomy	111	90	518.45	343	30	70	30	5	6.5	5		200	28	15600
48206			Tibia, bone graft to (Assist.)	312	90	415.15	343	30	75	60	3	3	3		240	15	15600
47966			Tendon or ligament transfer, not being a service to which another item in this Group applies (Assist.)	596	75	317.95	343	30	75	60	3	3	3		240	15	15600
46351			Digit, synovectomy of flexor tendon or tendons - 2 digits (Assist.)	38	60	267.85	343	30	75	60	3	3	3		240	15	15600
46330			Inter-phalangeal joint or metacarpophalangeal joint, arthrotomy of, with ligamentous or capsular repair (Assist.)	477	90	254.10	343	30	75	60	3	3	3		240	15	15600
49857			Foot, metatarso-phalangeal joint replacement (Assist.)	26	90	255.75	347.5	30	50	60	8	5	5		190	31	15390
49845			Foot, arthrodesis of, first metatarso-phalangeal joint (Assist.)	541	60	345.60	347.5	30	50	60	8	5	5		190	31	15390
49833			Foot, correction of hallux valgus by osteotomy of first metatarsal including internal fixation where performed - unilateral (Assist.)	1101	60	380.20	347.5	30	50	60	8	5	5		190	31	15390
47981			Forearm, calf or interosseous muscle space of hand, decompression fasciotomy of, not being a service to which another item applies	170	45	110.45	347.5	30	50	60	8	5	5		190	31	15390
49562			Knee, arthroscopic surgery of, involving 1 or more of: meniscectomy, removal of loose body or lateral release; where the procedure includes chondroplasty requiring multiple drilling or carbon fibre (or similar)	1102	150	540.00	350.5	30	65	45	5	5	5	CG: Descriptor needs to be modified by taking out 'carbon fibre implant'. This item may then be combined with	205	25	15375
49561			Knee, arthroscopic surgery of, involving 1 or more of: meniscectomy, removal of loose body or lateral release; where the procedure includes associated debridement, osteoplasty or chondroplasty - not associated with any other arthroscopic procedure of the	11756	120	495.00	350.5	30	65	45	5	5	5		205	25	15375
39321			Nerve, transposition of (Assist.)	462	60	347.85	352	30	75	60	3	3	2		240	14	15360
50102			Joint, arthroscopic surgery of, not being a service to which another item in this Group applies (Assist.)	31	90	449.35	353	30	60	45	6.5	5	5	CG: More specificity is needed in the description of this item. NCCH:	195	28	15210
49824			Foot, correction of hallux valgus or hallux rigidus by excision arthroplasty (Keller's or similar procedure) - bilateral (Assist.)	126	90	556.50	354.5	30	60	60	6.5	3	3		210	22	15120
47399			Olecranon, treatment of fracture of, by open reduction (Assist.)	286	90	276.50	354.5	30	75	60	2	3	3		240	13	15120
47648			Metatarsals, 2 of, treatment of fracture of, by open reduction (Assist.)	10	75	221.15	356	30	75	60	2.5	2.5	2.5		240	12.5	15000
47954			Tendon, repair of, not being a service to which another item in this Group applies (Assist.)	541	90	276.50	360.5	30	70	60	3	3	3		230	15	14950
47666			Phalanx of great toe, treatment of fracture of, by open reduction	55	60	172.85	360.5	30	60	80	3	3	3		230	15	14950
47567			Tibia, shaft of, treatment of intra-articular fracture of, by closed reduction with or without treatment of fibular fracture (Assist.)	53	45	349.05	360.5	20	60	90	3	3	3	CG Need a new item for percutaneous fixation of fractures (eg	230	15	14950
47564			Tibia, shaft of, treatment of fracture of, by closed reduction, with or without treatment of fibular fracture	460	30	300.70	360.5	20	60	90	3	3	3		230	15	14950
47516			Femur, treatment of fracture of, by closed reduction or traction (Assist.)	252	60	317.95	360.5	20	60	90	3	3	3		230	15	14950
47021			Elbow, treatment of dislocation of, by open reduction (Assist.)	18	75	193.55	360.5	30	70	60	3	3	3		230	15	14950

**Consensus Group on Orthopaedic Surgery  
Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
46342			Distal radioulnar joint or carpometacarpal joint or joints, synovectomy of (Assist.)	58	75	342.40	360.5	30	70	60	3	3	3		230	15	14950
46339			Extensor tendons or flexor tendons of hand or wrist, synovectomy of (Assist.)	929	45	342.40	360.5	30	70	60	3	3	3		230	15	14950
49360			Hip, diagnostic arthroscopy of (Assist.)	17	60	252.55	365	30	60	30	5	9	5		180	33	14940
47033			Carpus, or carpus on radius and ulna, or carpometacarpal joint, treatment of dislocation of by open reduction (Assist.)	38	75	193.55	366	30	60	60	3	5	5		210	21	14910
47435			Humerus, proximal, treatment of fracture of, and associated dislocation of shoulder by closed reduction (Assist.)	35	45	304.20	367	30	45	60	5	8	6.5		180	32.5	14850
49860			Foot, synovectomy of metatarso-phalangeal joint, single joint (Assist.)	103	60	207.35	368	30	50	60	6.5	5	5		190	28	14820
49559			Knee, arthroscopic surgery of, involving chondroplasty requiring multiple drilling or carbon fibre (or similar) implant; including any associated debridement or oestoplasty - not associated with any other procedure of the knee region (Assist.)	259	120	300.00	369	30	60	45	5	5	5		195	25	14625
49803			Foot, flexor or extensor tendon, secondary repair of	45	75	124.45	372	30	60	60	5	3	3		210	19	14490
47978			Forearm or calf, decompression fasciotomy of, for chronic compartment syndrome requiring excision of muscle and deep tissue Tenotomy, open, with or without tenoplasty, not being a service to which another item in this Group applies	458	75	164.65	372	30	60	60	5	3	3	CG 16.3.99: Recommend revision of descriptor by deleting the component	210	19	14490
47963			Tendon, large, lengthening of, not being a service to which another item in this Group applies (Assist.)	1121	30	158.95	372	30	60	60	3	5	3		210	19	14490
47957			Tendon, large, lengthening of, not being a service to which another item in this Group applies (Assist.)	295	90	207.35	372	30	60	60	3	5	3		210	19	14490
47540			Hip spica or shoulder spica, application of, as an independent procedure	47	60	158.95	372	30	60	60	3	5	3		210	19	14490
47609			Calcaneum or talus, treatment of fracture of, by closed reduction, with or without dislocation (Assist.)	52	45	259.25	376	20	60	80	3	3	3	CG 16.3.99: Need to separate items for calcaneum and talus. NCCH:	220	15	14300
47555			Tibia, plateau of, treatment of both medial and lateral fractures of, by closed reduction	19	60	414.75	376	20	70	60	3	3	3		220	15	14300
47477			Pelvic ring, treatment of fracture of, with disruption of pelvic ring or acetabulum	55		172.85	376	20	40	120	3	3	3	CG 16.3.99: This is non-operative - should be covered by consultation items except in multi-trauma cases.	220	15	14300
91272			Consultation in a hospital of approximately 60 minutes duration with an existing patient seen on a referred basis				381.5	10	60	20	9	9	9		150	45	14250
91072			Home visit of approximately 60 minutes duration with an existing patient seen on a referred basis				381.5	10	60	20	9	9	9		150	45	14250
90972			Consultation at other institution of approximately 60 minutes duration with an existing patient seen on a referred basis				381.5	10	60	20	9	9	9		150	45	14250
90872			Consultation at a nursing home of approximately 60 minutes duration with an existing patient seen on a referred basis				381.5	10	60	20	9	9	9		150	45	14250
90772			Consultation in rooms of approximately 60 minutes duration with an existing patient seen on a referred basis				381.5	10	60	20	9	9	9		150	45	14250
50426			Diaphyseal aclasia, removal of lesion or lesions from bone - 1 approach (Assist.)	35	120	341.05	381.5	30	50	60	5	5	5		190	25	14250
49560			Knee, arthroscopic surgery of, involving 1 or more of: meniscectomy, removal of loose body or lateral release - not being a service associated with any other arthroscopic procedure of the knee region	21461	75	405.00	381.5	30	60	40	5	5	5		190	25	14250
48509			Epiphysodesis, staple arrest of hemi-epiphysis	25	75	172.85	381.5	30	50	60	5	5	5		190	25	14250
49221			Wrist, arthroscopic surgery of, involving any 1 or more of: drilling of defect; removal of loose body, release of adhesions; local synovectomy; or debridement of one area - not being a service associated with any other arthroscopic procedure of the wrist region	244	75	449.35	386	30	60	30	5	6.5	5		180	28	14040
47982			Forage (Drill decompression), of neck or head of femur, or both	0	60	267.95	387.5	30	60	60	5	2	2		210	16	13860
46303			Carpometacarpal joint, arthrodesis of (Assist.)	76	60	276.15	387.5	30	60	60	3	3.5	3		210	16	13860
47366			Radius or ulna, distal end of, treatment of fracture of, by open reduction (Assist.)	78	75	193.55	389.5	30	70	60	2	2	2		230	10	13800

**Consensus Group on Orthopaedic Surgery  
Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
46423			Extensor tendon of hand or wrist, secondary repair of, each tendon	179	75	240.25	389.5	30	55	60	3	5	3		200	19	13800
91271			Consultation in a hospital of approximately 60 minutes duration with a new patient seen on a referred basis				393	5	60	20	9	9	9		145	45	13775
91071			Home visit of approximately 60 minutes duration with a new patient seen on a referred basis				393	5	60	20	9	9	9		145	45	13775
90971			Consultation at other institution of approximately 60 minutes duration with a new patient seen on a referred basis				393	5	60	20	9	9	9		145	45	13775
90871			Consultation at a nursing home of approximately 60 minutes duration with a new patient seen on a referred basis				393	5	60	20	9	9	9		145	45	13775
90771			Consultation in rooms of approximately 60 minutes duration with a new patient seen on a referred basis				393	5	60	20	9	9	9		145	45	13775
49727			Ankle, Achilles' tendon, operation for lengthening (Assist.)	157	90	207.35	396	30	40	60	6.5	6.5	5		170	31	13770
49706			Ankle, arthrotomy of, involving 1 or more of: lavage, removal of loose body or division of contracture (Assist)	440	45	242.00	405.5	30	60	60	3	3	3		210	15	13650
48900			Shoulder, excision of coraco-acromial ligament or removal of calcium deposit from cuff or both (Assist.)	168	75	207.35	405.5	30	60	60	3	3	3		210	15	13650
48406			Fibula, radius, ulna, clavicle, scapula (other than acromion), rib, tarsus or carpus, osteotomy or osteectomy of (Assist)	1752	60	242.00	405.5	30	60	60	3	3	3		210	15	13650
47714			Halo, application of, in addition to spinal fusion for scoliosis, or other conditions	2	60	176.25	405.5	30	60	60	3	3	3	CG 16.3.99: Item ADDED to list by CG. Recommend combining items	210	15	13650
47711			Halo, application of, as an independent procedure (Assist.)	2	60	235.05	405.5	30	60	60	3	3	3	CG 16.3.99: Item ADDED to list by CG. Recommend combining items	210	15	13650
47705			Skull calipers, insertion of, as an independent procedure (Assist.)	20	45	207.35	405.5	30	60	60	3	3	3	CG 16.3.99: Recommend combining items 47705, 47711 and 47714.	210	15	13650
47342			Metacarpal, treatment of fracture of, by open reduction	311	60	165.95	405.5	30	60	60	3	3	3		210	15	13650
47321			Middle phalanx of finger, treatment of intra-articular fracture of, by open reduction	107	60	155.50	405.5	30	60	60	3	3	3		210	15	13650
47318			Middle phalanx of finger, treatment of fracture of, by open reduction	65	60	124.45	405.5	30	60	60	3	3	3		210	15	13650
47309			Distal phalanx of finger or thumb, treatment of intra-articular fracture of, by open reduction	101	60	103.75	405.5	30	60	60	3	3	3		210	15	13650
47072			Toe, treatment of dislocation of, by open reduction	14	45	69.10	405.5	30	60	60	3	3	3		210	15	13650
47045			Metacarpophalangeal joint, treatment of dislocation of, by open reduction	23	45	110.60	405.5	30	60	60	3	3	3		210	15	13650
47039			Interphalangeal joint, treatment of dislocation of, by open reduction	60	45	82.90	405.5	30	60	60	3	3	3		210	15	13650
47027			Radioulnar joint, distal or proximal, treatment of dislocation of, by open reduction not being a service associated with fracture or dislocation in	5	75	193.55	405.5	30	60	60	3	3	3		210	15	13650
46462			Operation for osteomyelitis on middle or proximal phalanx, metacarpal or carpus (Assist.)	35	60	220.90	405.5	30	60	60	3	3	3		210	15	13650
46396			Phalanx or metacarpal of the hand, osteotomy or osteectomy of	107	45	242.00	405.5	30	60	60	3	3	3		210	15	13650
39330			Neurolysis by open operation without transposition, not being a service associated with a service to which item 39312 applies (Assist)	3413	30	203.20	405.5	30	60	60	3	3	3		210	15	13650
30672			Coccyx, excision of (Assist.)	99	60	327.10	405.5	30	60	60	1	5	3		210	15	13650
49118			Elbow, diagnostic arthroscopy of, including biopsy (Assist.)	61	60	200.45	415.5	30	45	60	5	5	5		180	25	13500
48945			Shoulder, diagnostic arthroscopy of (including biopsy) - not being a service associated with any other arthroscopic procedure of the shoulder region (Assist.)	680	45	200.45	415.5	30	60	30	5	5	5		180	25	13500
30114			Bursa, semimembranosus (Baker's cyst), excision of (Assist.)	465	60	272.75	417	30	70	60	1	2	2		230	8	13340
49866			Foot, neurectomy for plantar or digital neuritis (Morton's or Bett's syndrome) (Assist.)	980	60	221.15	418	30	40	60	6.5	5	5		170	28	13260
30226			Muscle, excision of (limited) or fasciotomy	215	30	109.95	419	30	60	60	5	1	1		210	13	13230



**Consensus Group on Orthopaedic Surgery  
Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
47597			Ankle joint, treatment of fracture of, by closed reduction	534	30	238.50	420	20	60	80	2	2	2		220	10	13200
47546			Tibia, plateau of, treatment of medial or lateral fracture of, by closed reduction	66	45	248.85	421	20	60	60	3	3	3		200	15	13000
47402			Olecranon, treatment of fracture of, involving excision of olecranon fragment and reimplantation of tendon (Assist.)	3	90	207.35	422	30	60	60	2	2	3		210	11	12810
47639			Metatarsal, 1 of, treatment of fracture of, by open reduction	119	60	165.95	424	30	60	60	2	2	2		210	10	12600
46441			Mallet finger, open repair of, including pin fixation when performed (Assist.)	154	60	240.25	424	30	60	60	2	2	2		210	10	12600
46369			Dupuytren's contracture, palmar fasciectomy for - 1 hand	210	60	154.65	424	30	60	60	2	2	2		210	10	12600
49851			Foot, correction of claw or hammer toe with internal fixation	2235	45	152.05	426	30	35	60	6.5	5	5		160	28	12480
30238			Fascia, deep, repair of, for herniated muscle	42	45	109.95	427	30	60	60	2	2	1		210	9	12390
49357			Hip spica, initial application of, for congenital dislocation of hip (excluding aftercare) (Assist.)	57	45	260.50	428	30	45	30	6.5	6.5	6.5	CG 16.3.99: These times and ratings are based on the assumption that the item IS NOT associated with 49354.	150	32.5	12375
46348			Digit, synovectomy of flexor tendon or tendons - 1 digit	210	45	179.45	429	30	50	60	3	3	3		190	15	12350
49821			Foot, correction of hallux valgus or hallux rigidus by excision arthroplasty (Keller's or similar procedure) - unilateral (Assist.)	597	60	317.95	430	30	40	60	6.5	3	3		170	22	12240
46468			Amputation of 2 digits, proximal to nail bed, involving section of bone of joint and requiring soft tissue cover (Assist.)	20	45	289.95	431	30	60	60	1	2	2		210	8	12180
49700			Ankle, diagnostic arthroscopy of, including biopsy (Assist.)	132	45	200.45	432.5	30	45	40	5	5	5		160	25	12000
47654			Metatarsals, 3 or more of, treatment of fracture of, by closed reduction (Assist.)	22	30	259.25	432.5	20	60	60	2	2	2		200	10	12000
50100			Joint, diagnostic arthroscopy of (including biopsy), not being a service to which another item in this Group applies and not being a service	51	60	200.45	440	30	45	30	6.5	5	5		150	28	11700
49800			Foot, flexor or extensor tendon, primary repair of	141	60	96.80	440	30	45	60	3	3	3		180	15	11700
48403			Phalanx or metatarsal, osteotomy or osteectomy of, with internal fixation (Assist.)	730	60	380.20	440	20	60	40	3	3	3		180	15	11700
47936			Exostosis of large bone, excision of (Assist.)	739	30	186.65	440	30	60	45	2	2	2		195	10	11700
47903			Epicondylitis, open operation for	359	30	172.85	440	30	45	60	3	3	3		180	15	11700
47426			Humerus, proximal, treatment of fracture of, by closed reduction, undertaken in the operating theatre of a hospital or approved day	95	45	238.50	440	30	45	60	3	3	3		180	15	11700
47417			Humerus, treatment of fracture of tuberosity of, and associated dislocation of shoulder, by closed reduction (Assist.)	32	45	193.55	440	30	45	60	3	3	3		180	15	11700
47385			Radius or ulna, shaft of, treatment of fracture of, in conjunction with dislocation of distal radio- ulnar joint or proximal radio-humeral joint (Galeazzi or Monteggia injury), by closed reduction undertaken in the	96	60	214.30	440	30	45	60	3	3	3		180	15	11700
47306			Distal phalanx of finger or thumb, treatment of fracture of, by open	238	60	82.90	440	30	45	60	3	3	3		180	15	11700
46522			Flexor tendon sheath of finger or thumb - open operation and drainage for infection (Assist.)	93	45	309.25	440	30	45	60	3	3	3		180	15	11700
46420			Extensor tendon of hand or wrist, primary repair of, each tendon	947	60	150.20	440	30	45	60	3	3	3		180	15	11700

**Consensus Group on Orthopaedic Surgery**  
**Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
46336			Inter-phalangeal joint or metacarpophalangeal joint, synovectomy, capsulectomy or debridement of, not being a service associated with any other procedure related to that joint (Assist)	438	60	193.30	440	30	45	60	3	3	3		180	15	11700
46300			Inter-phalangeal joint or metacarpophalangeal joint, arthrodesis of	433	45	248.50	440	30	45	60	3	3	3		180	15	11700
47561			Tibia, shaft of, treatment of fracture of, by cast immobilisation, not being a service to which item 47564 47567 47570 or 47573 applies	1453	45	200.45	447	20	45	90	2	1	2		200	8	11600
30093			Needle biopsy of vertebra	89	60	125.95	448	30	30	30	8	10	10		120	46	11520
47621			Tarso-metatarsal, treatment of intra-articular fracture of, by closed reduction with or without dislocation (Assist)	27	30	300.70	449.5	20	45	80	2	2	2		190	10	11400
46483			Revision of amputation stump to provide adequate soft tissue cover (Assist)	106	30	220.90	449.5	30	50	60	2	2	2		190	10	11400
49558			Knee, arthroscopic surgery of, involving 1 or more of: debridement, osteoplasty or chondroplasty - not associated with any other	1568	75	200.45	451.5	30	45	30	5	5	5		150	25	11250
49218			Wrist, diagnostic arthroscopy of, including radiocarpal or midcarpal joints or both (including biopsy) - not being a service associated with	84	60	200.45	451.5	30	45	30	5	5	5		150	25	11250
47390			Radius and ulna, shafts of, treatment of fracture of, by closed reduction undertaken in the operating theatre of a hospital or approved	1466	45	300.70	453	30	45	60	2	3	2		180	12	11160
91262			Consultation in a hospital of approximately 45 minutes duration with an existing patient seen on a referred basis				456	10	45	20	8.5	8.5	8.5		120	42.5	11100
91062			Home visit of approximately 45 minutes duration with an existing patient seen on a referred basis				456	10	45	20	8.5	8.5	8.5		120	42.5	11100
90962			Consultation at other institution of approximately 45 minutes duration with an existing patient seen on a referred basis				456	10	45	20	8.5	8.5	8.5		120	42.5	11100
90862			Consultation at a nursing home of approximately 45 minutes duration with an existing patient seen on a referred basis				456	10	45	20	8.5	8.5	8.5		120	42.5	11100
90762			Consultation in rooms of approximately 45 minutes duration with an existing patient seen on a referred basis				456	10	45	20	8.5	8.5	8.5		120	42.5	11100
47552			Tibia, plateau of, treatment of both medial and lateral fractures of, not being a service to which item 47555 or 47558 applies (Assist)	19	45	276.50	459.5	20	45	60	3	3	3		170	15	11050
47492			Acetabulum, treatment of fracture of, and associated dislocation of hip	10	30	172.85	459.5	20	45	60	3	3	3		170	15	11050
49336			Hip, treatment of a fracture of the femur where revision total hip replacement is required as part of the treatment of the fracture (not	58	225	262.70	461	0	60	0	8	8	10		120	42	11040
46480			Amputation of single digit, proximal to nail bed, involving section of bone or joint and requiring soft tissue cover including metacarpal	60	60	276.15	462	30	50	60	1	2	2		190	8	11020
47969			Tenosynovectomy, not being a service to which another item in this Group applies (Assist)	431	60	193.55	464	30	45	60	2	2	2		180	10	10800
47447			Humerus, shaft of, treatment of fracture of, by closed reduction, undertaken in the operating theatre of a hospital or approved day	38	45	248.85	464	30	45	60	2	2	2		180	10	10800
47327			Proximal phalanx of finger or thumb, treatment of intra-articular fracture of, by closed reduction	560	30	145.15	464	30	45	60	2	2	2		180	10	10800
47708			Plaster jacket, application of, as an independent procedure	31	60	158.95	466	15	60	30	3	3	3		165	15	10725
47594			Ankle joint, treatment of fracture of, not being a service to which item 47597 applies	3051	30	158.95	467	20	45	80	1	1	1		190	5	10450
47372			Radius, distal end of, treatment of Colles', Smith's or Barton's fracture, by closed reduction	3598	30	207.35	468.5	30	45	60	1	2	2		180	8	10440
47363			Radius or ulna, distal end of, treatment of fracture of, by closed reduction	2051	30	145.15	468.5	30	45	60	1	2	2		180	8	10440
47381			Radius or ulna, shaft of, treatment of fracture of, by closed reduction undertaken in the operating theatre of a hospital or approved day	219	30	186.65	471	30	40	60	1	3	2		170	10	10200
47339			Metacarpal, treatment of intra-articular fracture of, by closed reduction	516	30	145.15	471	30	40	60	2	2	2		170	10	10200

**Consensus Group on Orthopaedic Surgery  
Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
46450			Extensor tendon, tenolysis of, following tendon injury, repair or graft	277	75	165.70	471	30	40	60	2	2	2		170	10	10200
91261			Consultation in a hospital of approximately 45 minutes duration with a new patient seen on a referred basis				475	5	45	15	8.5	8.5	8.5		110	42.5	10175
91061			Home visit of approximately 45 minutes duration with a new patient seen on a referred basis				475	5	45	15	8.5	8.5	8.5		110	42.5	10175
90961			Consultation at other institution of approximately 45 minutes duration with a new patient seen on a referred basis				475	5	45	15	8.5	8.5	8.5		110	42.5	10175
90861			Consultation at a nursing home of approximately 45 minutes duration with a new patient seen on a referred basis				475	5	45	15	8.5	8.5	8.5		110	42.5	10175
90761			Consultation in rooms of approximately 45 minutes duration with a new patient seen on a referred basis				475	5	45	15	8.5	8.5	8.5		110	42.5	10175
49848			Foot, correction of claw or hammer toe	1190	45	117.55	478	30	30	40	6.5	5	5	CG: Description needs clarification - procedure is covered by other items.	130	28	10140
47930			Plate, rod or nail and associated wires, pins or screws, 1 or more of, all of which were inserted for internal fixation purposes, removal of, not being a service associated with a service to which item 47924 or 47927 applies	3356	45	193.55	479	15	45	50	3	3	3		155	15	10075
49348			Hip, congenital dislocation of, treatment of, by closed reduction	31	45	117.55	480.5	30	30	20	8	8	8		110	40	9900
47009			Shoulder, treatment of dislocation of, requiring general anaesthesia, not being a service to which item 47012 applies	245	30	124.45	480.5	30	45	45	2	2	2		165	10	9900
46465			Amputation of single digit, proximal to nail bed, involving section of bone or joint and requiring soft tissue cover	250	30	165.70	482	30	40	60	1	2	2		170	8	9860
46503			Recurrent ganglion of volar wrist joint, excision of, not being a service associated with a service to which item 30106 or 30107 applies	83	75	277.85	483	30	50	30	1	3	3		160	11	9760
50348			Knee, deformity of, post-operative manipulation and change of plaster, performed under general anaesthesia in the operating theatre of a hospital	15	60	167.95	485	20	35	40	5	5	5		130	25	9750
49818			Foot, excision of calcaneal spur (Assist.)	261	45	200.45	485	30	30	60	3	3	3		150	15	9750
49721			Ankle, Achilles' tendon rupture managed by non-operative treatment	83		172.85	485	30	20	60	8	3	3		130	25	9750
50330			Talipes equinovarus, or talus, vertical congenital - post operative manipulation and change of plaster, performed under general anaesthesia in the operating theatre of a hospital or approved day surgery centre	126	60	167.95	487	30	30	20	8	8	6.5		110	38.5	9735
47579			Patella, treatment of fracture of, not being a service to which item 47582 or 47585 applies	557	30	117.55	488	20	45	60	2	1	1		170	7	9690
47063			Ankle or tarsus, treatment of dislocation of, by closed reduction	117	30	186.65	490	30	35	60	2	2	2		160	10	9600
47054			Knee, treatment of dislocation of, by closed reduction (Assist.)	31	30	238.5	490	30	35	60	2	2	2		160	10	9600
47048			Hip, treatment of dislocation of, by closed reduction	579	30	238.50	490	30	35	60	2	2	2		160	10	9600
47030			Carpus, or carpus on radius and ulna, or carpometacarpal joint, treatment of dislocation of, by closed reduction	100	30	145.15	492	30	30	60	2	3	3		150	13	9450
46438			Mallet finger, closed pin fixation of	23	45	99.40	493.5	30	40	60	1	1	1		170	5	9350
46327			Inter-phalangeal joint or metacarpophalangeal joint, arthrotomy of	130	45	149.15	493.5	30	40	60	1	1	1		170	5	9350
47444			Humerus, shaft of, treatment of fracture of, not being a service to which item 47447 or 47450 applies	393	45	165.95	495	30	35	60	1	2	2		160	8	9280
46519			Middle palmar, thenar or hypothenar spaces of hand, drainage of (excluding aftercare)	41	30	103.75	496	30	45	20	3	3	3		140	15	9100
39331			Carpal tunnel release (division of transverse carpal ligament), by any method	9060	30	203.20	497	30	45	30	1	3	2.5		150	10.5	9075
49557			Knee, diagnostic arthroscopy of (including biopsy, simple trimming of meniscal margin or plica) - not being a service associated with any other arthroscopic procedure of the knee region (Assist.)	4300	45	200.45	499.5	30	30	30	5	5	5		120	25	9000

**Consensus Group on Orthopaedic Surgery  
Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
47018			Elbow, treatment of dislocation of, by closed reduction	606	30	145.15	499.5	30	30	60	2	2	2		150	10	9000
46502			Recurrent ganglion of dorsal wrist joint, excision of, not being a service associated with a service to which item 30106 or 30107 applies	143	60	222.35	499.5	30	45	30	1	3	2		150	10	9000
46501			Ganglion of volar wrist joint, excision of, not being a service associated with a service to which item 30106 or 30107 applies (Assist)	640	60	241.65	499.5	30	45	30	1	3	2		150	10	9000
43500			Operation on phalanx (for acute osteomyelitis)	16	45	90.55	502	30	30	60	1	3	1		150	9	8850
47627			Tarsus (excluding calcaneum or talus), treatment of fracture of	618	30	117.55	504	20	30	80	1	1	1	CG 16.3.99: Item ADDED to list by CG.	160	5	8800
44342			2 digits of 1 foot	38	45	161.45	504	30	45	40	1	1	1		160	5	8800
30111			Bursa (large), including olecranon, calcaneum or patella, excision of	1684	45	272.75	504	30	50	30	1	1	1		160	5	8800
49806			Foot, subcutaneous tenotomy of, 1 or more tendons	425	15	96.80	506	30	30	40	3	3	3		130	15	8450
47900			Bone cyst, injection into or aspiration of	38	30	124.45	507.5	20	30	60	2	2	2		140	10	8400
47543			Tibia, plateau of, treatment of medial or lateral fracture of, not being a service to which item 47546 or 47549 applies	453	45	165.95	507.5	20	30	60	2	2	2		140	10	8400
49809			Foot, open tenotomy of, with or without tenoplasty	1542	45	158.95	509	30	20	45	6.5	3	3		115	22	8280
47423			Humerus, proximal, treatment of fracture of, not being a service to which item 47426, 47429 or 47432 applies	1160	45	158.95	511.5	30	30	60	1	1	1		150	5	8250
46459			Operation for osteomyelitis on distal phalanx	19	45	138.10	511.5	30	30	60	1	1	1		150	5	8250
46366			Dupuytren's contracture, subcutaneous fasciotomy for - each band	43	45	93.85	511.5	30	30	60	1	1	1		150	5	8250
46363			Tendon sheath of hand or wrist, open operation on, for stenosing tenosynovitis	3446	30	154.65	511.5	30	30	60	1	1	1		150	5	8250
47729			Bone graft, harvesting of, via separate incision, in conjunction with another service - autogenous - large quantity	1172	45	172.85	514	5	60	10	2.2	2.2	2.2		135	11	8235
48400			Phalanx, metatarsal, accessory bone or sesamoid bone, osteotomy or osteotomy of, excluding services to which item 49848 or 49851	2792	45	242.00	515	20	40	30	2.5	2.5	2.5		130	12.5	8125
49878			Talipes equinovarus, calcaneo valgus or metatarsus varus, treatment by cast, splint or manipulation - each attendance	426	30	41.50	516.5	30	30	0	8	8	5		90	37	7830
47933			Exostosis of small bone, excision of, including simple removal of bunion and any associated bursa	1349	30	152.05	516.5	30	30	45	1	2	2		135	8	7830
47972			Tendon sheath, open operation for teno-vaginitis, not being a service to which another item in this Group applies	370	45	154.65	518.5	30	30	40	2	2	2		130	10	7800
46456			Finger, percutaneous tenotomy of	14	15	71.80	518.5	30	30	30	3	3	3		120	15	7800
48603			Spine, manipulation of, under epidural anaesthesia, with or without steroid injection, where the manipulation and the administration of the epidural anaesthetic are performed by the same medical practitioner in the same institution	29	30	103.75	520	20	30	45	3	2	2		125	12	7750
46500			Ganglion of dorsal wrist joint, excision of, not being a service associated with a service to which item 30106 or 30107 applies	1073	45	193.30	521	30	40	30	1	1	1		140	5	7700
91252			Consultation in a hospital of approximately 30 minutes duration with an existing patient seen on a referred basis				524	10	30	15	8	8	8		85	40	7650
91052			Home visit of approximately 30 minutes duration with an existing patient seen on a referred basis				524	10	30	15	8	8	8		85	40	7650
90952			Consultation at other institution of approximately 30 minutes duration with an existing patient seen on a referred basis				524	10	30	15	8	8	8		85	40	7650
90852			Consultation at a nursing home of approximately 30 minutes duration with an existing patient seen on a referred basis				524	10	30	15	8	8	8		85	40	7650
90752			Consultation in rooms of approximately 30 minutes duration with an existing patient seen on a referred basis				524	10	30	15	8	8	8		85	40	7650
30107			Ganglion or small bursa, excision of, not being a service associated with a service to which an item in this Group applies	1532	30	161.45	527	30	40	30	0.5	1	1		140	4	7560

**Consensus Group on Orthopaedic Surgery  
Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
50390			Perthes, cerebral palsy, or other neuromuscular conditions, affecting hips or knees, application of cast under general anaesthesia, performed in the operating theatre of a hospital or approved day hospital facility	19	90	167.95	528	20	40	0	5	5	5		100	25	7500
47948			External fixation, removal of, in the operating theatre of a hospital or approved day hospital facility	141	30	117.55	529	20	30	40	2	2	2		120	10	7200
44338			1 digit of foot	544	30	105.75	530	30	30	40	1	1	1	CG: Make specific item for removing digit including the ray. NCCH: report to MSRB	130	5	7150
50115			Joint or joints, manipulation of, performed in the operating theatre of a hospital or approved day hospital facility, not being a service associated with a service to which another item in this Group applies	2204	30	103.75	531	20	15	40	6.5	5	3		90	26	6840
91251			Consultation in a hospital of approximately 30 minutes duration with a new patient seen on a referred basis				534	5	30	10	8	8	8		75	40	6750
91051			Home visit of approximately 30 minutes duration with a new patient seen on a referred basis				534	5	30	10	8	8	8		75	40	6750
90951			Consultation at other institution of approximately 30 minutes duration with a new patient seen on a referred basis				534	5	30	10	8	8	8		75	40	6750
90851			Consultation at a nursing home of approximately 30 minutes duration with a new patient seen on a referred basis				534	5	30	10	8	8	8		75	40	6750
90751			Consultation in rooms of approximately 30 minutes duration with a new patient seen on a referred basis				534	5	30	10	8	8	8		75	40	6750
46498			Ganglion of flexor tendon sheath, excision of, not being a service associated with a service to which item 30106 or 30107 applies	622	30	161.45	537	30	30	30	1	1.5	1		120	6	6720
47474			Pelvic ring, treatment of fracture of, not involving disruption of pelvic ring or acetabulum	178		138.25	538.5	20	20	60	1	1	1	CG 16.3.99: This is non-operative - should be covered by consultation	120	5	6600
46495			Ganglion or mucous cyst of distal digit, excision of, not being a service associated with a service to which item 30106 or 30107 applies	994	30	149.15	538.5	30	30	30	1	1	1		120	5	6600
47387			Radius and ulna, shafts of, treatment of fracture of, by cast immobilisation, not being a service to which item 47390 or 47393	1257	45	200.45	540	20	30	45	0.5	0.5	0.5		125	2.5	6562.5
47960			Tenotomy, subcutaneous, not being a service to which another item in this Group applies	623	15	96.80	541	20	20	40	3	3	3		100	15	6500
47927			Buried wire, pin or screw, 1 or more of, which were inserted for internal fixation purposes, removal of, in the operating theatre of a hospital or approved day hospital facility	5253	30	103.75	542	15	30	30	2	2	2		105	10	6300
48600			Spine, manipulation of, performed in the operating theatre of a hospital or approved day hospital facility	380	15	69.10	543	20	15	45	3	2	2		95	12	5890
47576			Fibula, treatment of fracture of	3972	30	82.9	544	15	15	60	1	1	1	CG 16.3.99: Item ADDED to list by CG.	105	5	5775
48678			Spine, simple internal fixation of, involving 1 or more of facet screw, wire loop or similar, being a service associated with a service to which another item in this Group applies	55	165	415.15	545	5	30	0	5	8	8	CG 16.3.99: Check these times & ratings with neurosurgery.	65	34	5460
91243			Consultation in a hospital of approximately 20 minutes duration and the nature of the service requires breaks in continuity with a new or existing patient seen on a referred basis				550.5	6	20	10	6.5	6.5	6.5		56	32.5	4620
91240			Consultation in a hospital of approximately 20 minutes duration with a new or existing patient seen on a referred basis				550.5	6	20	10	6.5	6.5	6.5		56	32.5	4620
91043			Home visit of approximately 20 minutes duration and the nature of the service requires breaks in continuity with a new or existing patient seen on a referred basis				550.5	6	20	10	6.5	6.5	6.5		56	32.5	4620
91040			Home visit of approximately 20 minutes duration with a new or existing patient seen on a referred basis				550.5	6	20	10	6.5	6.5	6.5		56	32.5	4620
90943			Consultation at other institution of approximately 20 minutes duration and the nature of the service requires breaks in continuity with a new or existing patient seen on a referred basis				550.5	6	20	10	6.5	6.5	6.5		56	32.5	4620
90940			Consultation at other institution of approximately 20 minutes duration with a new or existing patient seen on a referred basis				550.5	6	20	10	6.5	6.5	6.5		56	32.5	4620
90843			Consultation at a nursing home of approximately 20 minutes duration and the nature of the service requires breaks in continuity with a new or existing patient seen on a referred basis				550.5	6	20	10	6.5	6.5	6.5		56	32.5	4620
90840			Consultation at a nursing home of approximately 20 minutes duration with a new or existing patient seen on a referred basis				550.5	6	20	10	6.5	6.5	6.5		56	32.5	4620
90743			Consultation in rooms of approximately 20 minutes duration and the nature of the service requires breaks in continuity with a new or existing patient seen on a referred basis				550.5	6	20	10	6.5	6.5	6.5		56	32.5	4620
90740			Consultation in rooms of approximately 20 minutes duration with a new or existing patient seen on a referred basis				550.5	6	20	10	6.5	6.5	6.5		56	32.5	4620

**Consensus Group on Orthopaedic Surgery  
Revised Time Estimates, Intensity Ratings and Rank Formula - 23.7.99**

MBS Item			Truncated MBS Descriptor	HIC Freq	MBS Anaes	Schedule Fee	Rank	Time Estimates (mins)			Ratings of Intensity (0-10)			Comments at CG Meetings	Wtime	Wint	Formula Value
Number	Item Id	Partner item		1996/97	mins	\$	15.9.99	Pre Service	Intra Service	Post Service	Cogn/ Clin judg/ Comm	Technical/ Physical	Stress due to risk		= pre + 2xintra +post	= 2xcog +2xtech +stress	Wtime x (50+Wint)
47906			Digital nail of toe, removal of, in the operating theatre of a hospital or approved day hospital facility	512	15	82.90	556.5	20	20	20	0.5	0.5	0.5		80	2.5	4200
47726			Bone graft, harvesting of, via separate incision, in conjunction with another service - autogenous - small quantity	461	30	103.75	556.5	5	30	5	2	2	2		70	10	4200
47636			Metatarsal, 1 of, treatment of fracture of, by closed reduction	438	30	124.45	558	15	15	30	0.5	0.5	0.5	CG 16.3.99: Item ADDED to list by CG.	75	2.5	3937.5
47921			Orthopaedic pin or wire, insertion of, as an independent procedure	166	30	82.90	559.5	5	20	20	2	2	2		65	10	3900
47681			Spine (excluding sacrum), treatment of fracture of transverse process, vertebral body, or posterior elements - each attendance	423		31.50	559.5	30	0	30	3	3	3	CG 16.3.99: Should this be covered with the consultation items? NCCH: Refer to the MSRB at its next meeting.	60	15	3900
49351			Hip, congenital dislocation of, treatment of, involving supervision of splint, harness or cast - each attendance	539	45	41.50	561	5	15	8	8	8	8	CG 16.3.99: Non operative item, consultation item only.	43	40	3870
47924			Buried wire, pin or screw, 1 or more of, which were inserted for internal fixation purposes - removal of requiring incision and suture - not being a	434	30	27.65	562	10	20	20	1	1	1		70	5	3850
91230			Consultation in a hospital of approximately 15 minutes duration with a new or existing patient seen on a referred basis				565	5	15	8	6.5	6.5	6.5		43	32.5	3547.5
91030			Home visit of approximately 15 minutes duration with a new or existing patient seen on a referred basis				565	5	15	8	6.5	6.5	6.5		43	32.5	3547.5
90930			Consultation at other institution of approximately 15 minutes duration with a new or existing patient seen on a referred basis				565	5	15	8	6.5	6.5	6.5		43	32.5	3547.5
90830			Consultation at a nursing home of approximately 15 minutes duration with a new or existing patient seen on a referred basis				565	5	15	8	6.5	6.5	6.5		43	32.5	3547.5
90730			Consultation in rooms of approximately 15 minutes duration with a new or existing patient seen on a referred basis				565	5	15	8	6.5	6.5	6.5		43	32.5	3547.5
18272			Saphenous, sural, popliteal or posterior tibial nerve, main trunk of, 1 or more of - injection of an anaesthetic agent	936		45.85	568.5	10	10	20	1	1	2		50	6	2800
18266			Ulnar, radial or median nerve, main trunk of, 1 or more of, injection of an anaesthetic agent - not being associated with a brachial plexus block	659		45.85	568.5	10	10	20	1	1	2		50	6	2800
91220			Consultation in a hospital of approximately 10 minutes duration with a new or existing patient seen on a referred basis				572	5	10	6	6.5	6.5	6.5		31	32.5	2557.5
91020			Home visit of approximately 10 minutes duration with a new or existing patient seen on a referred basis				572	5	10	6	6.5	6.5	6.5		31	32.5	2557.5
90920			Consultation at other institution of approximately 10 minutes duration with a new or existing patient seen on a referred basis				572	5	10	6	6.5	6.5	6.5		31	32.5	2557.5
90820			Consultation at a nursing home of approximately 10 minutes duration with a new or existing patient seen on a referred basis				572	5	10	6	6.5	6.5	6.5		31	32.5	2557.5
90720			Consultation in rooms of approximately 10 minutes duration with a new or existing patient seen on a referred basis				572	5	10	6	6.5	6.5	6.5		31	32.5	2557.5
91210			Consultation in a hospital of approximately 5 minutes duration with a new or existing patient seen on a referred basis				577	5	5	5	6.5	6.5	6.5		20	32.5	1650
91010			Home visit of approximately 5 minutes duration with a new or existing patient seen on a referred basis				577	5	5	5	6.5	6.5	6.5		20	32.5	1650
90910			Consultation at other institution of approximately 5 minutes duration with a new or existing patient seen on a referred basis				577	5	5	5	6.5	6.5	6.5		20	32.5	1650
90810			Consultation at a nursing home of approximately 5 minutes duration with a new or existing patient seen on a referred basis				577	5	5	5	6.5	6.5	6.5		20	32.5	1650
90710			Consultation in rooms of approximately 5 minutes duration with a new or existing patient seen on a referred basis				577	5	5	5	6.5	6.5	6.5		20	32.5	1650

## **Attachment 3**

### **Link Item Rankings and Times Estimates**

Alignment Meeting 2 - Neurosurgery Othopaedic Surgery Link Items

		STAGE 1															
		Specialty 6 (Neuro)						Specialty 7 (Ortho)						Link Item Rank			
MBS No.	Truncated MBS Descriptor	Pre	Int	Post	Cog	Tech	Str	Pre	Int	Post	Cog	Tech	Str	C/P	L/N	Rank 6	Rank 7
39321	Nerve, transposition of (Assist.)	10	60	10	4.0	4.0	4.0	30	75	60	3.0	3.0	2.0	P	L	25	23
39327	Neurectomy, neurotomy or removal of tumour from deep	10	100	60	6.0	6.0	6.0	30	90	60	5.0	5.0	5.0	P	L	17	16
39331	Carpal tunnel release (division of transverse carpal ligame	10	20	20	4.0	4.0	3.0	30	45	30	1.0	3.0	2.5	P	L	40	34
40300	Intervertebral disc or discs, laminectomy for removal of (	30	60	30	7.0	6.5	6.5	30	90	90	8.0	8.0	8.0	P	L	18	14
40303	Recurrent disc lesion or spinal stenosis, or both, laminect	30	105	30	7.0	7.0	7.0	30	120	90	8.5	8.5	8.4	P	L	14	9
40306	Spinal stenosis, laminectomy for, involving more than 1 ve	30	100	60	7.0	8.0	7.0	30	150	90	9.0	9.0	9.0	P	L	12	6
40330	Spinal rhizolysis involving exposure of spinal nerve roots -	30	90	60	8.5	8.0	7.5	30	100	90	9.0	9.0	9.0	P	L	13	10
47699	Spine, treatment of fracture, dislocation or fracture-disloc	60	160	100	8.0	8.0	8.0	45	180	100	10.0	10.0	10.0	P	L	8	5
47711	Halo, application of, as an independent procedure (Assist	15	60	90	3.0	3.0	4.0	30	60	60	3.0	3.0	3.0	P	L	19.5	28.5
47714	Halo, application of, in addition to spinal fusion for scolios	15	60	90	3.0	3.0	4.0	30	60	60	3.0	3.0	3.0	P	L	19.5	28.5
47717	Halo-thoracic traction - application of both halo and thorac	20	90	100	6.0	6.0	6.0	30	60	120	3.0	3.0	3.0	P	L	15	19
47726	Bone graft, harvesting of, via separate incision, in conjunc	15	20	15	3.0	3.0	3.0	5	30	5	2.0	2.0	2.0	P	L	41	43
47729	Bone graft, harvesting of, via separate incision, in conjunc	15	45	15	3.0	3.0	3.0	5	60	10	2.2	2.2	2.2	P	L	31	35
48639	Vertebral body, total or sub-total excision of, including bor	60	300	60	9.5	9.5	9.0	60	240	100	8.0	8.0	9.0	P	L	3	3
48642	Spine, posterior, bone graft to, not being a service to whic	30	120	60	5.0	5.0	5.0	40	100	100	5.0	5.0	5.0	P	L	16	15
48648	Spine, bone graft to, (postero-lateral fusion) - 1 or 2 levels	30	150	60	8.0	7.0	7.0	40	100	100	6.5	6.5	6.5	P	L	11	12
48660	Spinal fusion (anterior interbody) to cervical, thoracic or lu	45	120	100	8.0	9.0	8.0	40	90	90	8.0	8.0	8.0	P	L	10	13
48669	Spinal fusion (anterior interbody) to cervical, thoracic or lu	60	180	100	8.0	8.0	8.0	40	130	90	8.0	8.0	8.0	P	L	7	8
48678	Spine, simple internal fixation of, involving 1 or more of fa	10	60	30	3.0	3.0	3.0	5	30	0	5.0	8.0	8.0	P	L	26	40
48684	Spine, segmental internal fixation of, other than for scolios	60	150	100	8.0	8.0	7.0	20	80	0	5.0	9.0	9.0	P	L	9	22
48687	Spine, segmental internal fixation of, other than for scolios	45	240	120	8.0	9.0	8.0	20	160	0	5.0	9.0	9.0	P	L	6	11
48690	Spine, segmental internal fixation of, other than for scolios	45	300	120	9.0	10.0	8.0	20	200	0	5.0	9.0	9.0	P	L	2	7
50221	Malignant or aggressive soft tissue tumour of pelvis, sacri	60	220	120	9.0	9.0	9.0	40	240	100	8.0	8.0	10.0	P	L	5	4
50224	Malignant or aggressive soft tissue tumour of pelvis, sacri	60	300	60	9.5	9.0	9.0	40	300	100	10.0	10.0	10.0	P	L	4	2
50227	Malignant bone tumour, enbloc resection of, with massive	60	360	120	9.0	9.0	9.0	40	360	120	10.0	10.0	10.0	P	L	1	1



## Alignment Meeting 2 - Neurosurgery Othopaedic Surgery Link Items

		STAGE 1															
		Specialty 6 (Neuro)						Specialty 7 (Ortho)						Link Item Rank			
MBS No.	Truncated MBS Descriptor	Pre	Int	Post	Cog	Tech	Str	Pre	Int	Post	Cog	Tech	Str	C/P	L/N	Rank 6	Rank 7
90720	Consultation in rooms of approximately 10 minutes duratic	1	10	4	4.0	2.0	4.0	5	10	6	6.5	6.5	6.5	C	L	46	46.5
90730	Consultation in rooms of approximately 15 minutes duratic	2	15	5	4.0	2.0	4.0	5	15	8	6.5	6.5	6.5	C	L	44	44.5
90740	Consultation in rooms of approximately 20 minutes duratic	5	20	5	4.0	2.0	4.0	6	20	10	6.5	6.5	6.5	C	L	42.5	41.5
90751	Consultation in rooms of approximately 30 minutes duratic	5	30	10	4.0	2.0	4.0	5	30	10	8.0	8.0	8.0	C	L	36.5	38.5
90752	Consultation in rooms of approximately 30 minutes duratic	5	30	5	4.0	2.0	4.0	10	30	15	8.0	8.0	8.0	C	L	38.5	36.5
90761	Consultation in rooms of approximately 45 minutes duratic	5	45	10	4.0	2.0	4.0	5	45	15	8.5	8.5	8.5	C	L	32.5	32.5
90762	Consultation in rooms of approximately 45 minutes duratic	5	45	5	4.0	2.0	4.0	10	45	20	8.5	8.5	8.5	C	L	34.5	30.5
90771	Consultation in rooms of approximately 60 minutes duratic	5	60	10	4.0	2.0	4.0	5	60	20	9.0	9.0	9.0	C	L	27.5	26.5
90772	Consultation in rooms of approximately 60 minutes duratic	5	60	5	4.0	2.0	4.0	10	60	20	9.0	9.0	9.0	C	L	29.5	24.5
90781	Consultation in rooms exceeding 75 minutes duration with	5	75	10	4.0	2.0	4.0	5	75	10	9.0	9.0	9.0	C	L	21.5	20.5
90782	Consultation in rooms exceeding 75 minutes duration with	5	75	5	4.0	2.0	4.0	15	75	25	9.0	9.0	9.0	C	L	23.5	17.5
91210	Consultation in a hospital of approximately 5 minutes dura	0	5	0	4.0	2.0	4.0	5	5	5	6.5	6.5	6.5	C	L	48	48
91220	Consultation in a hospital of approximately 10 minutes dur	0	10	2	4.0	2.0	4.0	5	10	6	6.5	6.5	6.5	C	L	47	46.5
91230	Consultation in a hospital of approximately 15 minutes dur	0	15	3	4.0	2.0	4.0	5	15	8	6.5	6.5	6.5	C	L	45	44.5
91240	Consultation in a hospital of approximately 20 minutes dur	5	20	5	4.0	2.0	4.0	6	20	10	6.5	6.5	6.5	C	L	42.5	41.5
91251	Consultation in a hospital of approximately 30 minutes dur	5	30	10	4.0	2.0	4.0	5	30	10	8.0	8.0	8.0	C	L	36.5	38.5
91252	Consultation in a hospital of approximately 30 minutes dur	5	30	5	4.0	2.0	4.0	10	30	15	8.0	8.0	8.0	C	L	38.5	36.5
91261	Consultation in a hospital of approximately 45 minutes dur	5	45	10	4.0	2.0	4.0	5	45	15	8.5	8.5	8.5	C	L	32.5	32.5
91262	Consultation in a hospital of approximately 45 minutes dur	5	45	5	4.0	2.0	4.0	10	45	20	8.5	8.5	8.5	C	L	34.5	30.5
91271	Consultation in a hospital of approximately 60 minutes dur	5	60	10	4.0	2.0	4.0	5	60	20	9.0	9.0	9.0	C	L	27.5	26.5
91272	Consultation in a hospital of approximately 60 minutes dur	5	60	5	4.0	2.0	4.0	10	60	20	9.0	9.0	9.0	C	L	29.5	24.5
91281	Consultation in a hospital of approximately 75 minutes dur	5	75	10	4.0	2.0	4.0	5	75	10	9.0	9.0	9.0	C	L	21.5	20.5
91282	Consultation in a hospital of approximately 75 minutes dur	5	75	5	4.0	2.0	4.0	15	75	25	9.0	9.0	9.0	C	L	23.5	17.5

## **Attachment 4**

### **Theatre Times**

**Professional Relativities Study**

**THEATRE TIMES**

**Neurosurgery**

**October 1999**

**National Centre for Classification in Health**

**COMPARISON OF NEUROSURGERY (NEUS)  
INTRA TIME ESTIMATES WITH OTHER ESTIMATES**

Time	OTHER TIME ESTIMATE (OTE)			No. of items in common	Average Time in Minutes		Ratio 100 x NEUS/OTE
	ID	Type	Definition of Time		NEUS	OTE	
OPERATION TIME (OPT)*	H1	Priv	Op Start to Op End	3	43.3	46.7	92.8
	H4	Priv	Op Start to Op End	5	46.0	37.2	123.6
	H6	Priv	Op Start to Op End	1	20.0	20.7	96.5
	H8	Priv	Surgeon Start to Drapes Removed	18	86.4	89.6	96.4
	H9A	Priv	Inpatient, Surgery Start to Surgery Finish	54	138.3	112.1	123.4
	H9B	Day	Day Surgery, Surgery Start to Surgery Finish	3	60.0	33.7	178.2
	H10	Priv	Op Start to Op End	1	20.0	14.0	142.9
	H11	Priv	Knife to Skin - Application of Dressing	9	101.7	119.9	84.8
	H13	Priv	Surgeon Start to Surgeon Finish	1	20.0	17.0	117.7
	H15	Priv	Op Start to Op End	49	130.6	89.2	146.4
	H16	Pub	Proc Start to Proc End	66	145.8	148.6	98.1
	H17	Pub	Surgical Start to Surgical End	81	158.5	184.3	86.0
	H18	Priv	Proc Start to Proc End	49	127.4	90.4	140.8
	H19	Pub	Positioning to Dressings Applied	77	159.4	156.8	101.7
	H20	Pub	Preparation/Positioning to End Dressings	10	63.5	51.6	123.1
	APHA	Priv	Procedure Time	43	140.5	109.7	128.0
	CANS	Pub & Priv	Op Start to Op Finish	49	147.5	117.3	125.7
Deloitte	Pub & Priv	Procedure Time	19	118.2	92.5	127.8	
OPERATION TIME 2 (OPT 2)	H8	Priv	Surgeon Start to Xfer from OR	19	84.0	92.9	90.4
	H13	Priv	Surgeon Start to Xfer from OR	1	20.0	22.0	90.9
	H15	Priv	Op Start to Recovery Admission	49	130.8	99.7	131.3
	H16	Pub	Proc Start to Recovery Admission	66	145.8	158.8	91.8
	H17	Pub	Surgical Start to Xfer from OR	86	159.0	200.8	79.2
	H18	Priv	Proc Start to Xfer from OR	48	129.1	100.1	128.9
	H19	Pub	Positioning to Ex Theatre	85	156.5	165.9	94.3
	H20	Pub	Preparation/Positioning to Admit Recovery/ICU	11	63.2	58.4	108.2
CANS	Pub & Priv	Operation Start to Anaesthetist Finish	49	147.5	125.2	117.7	
ANAESTHETIC TIME (OAT)	MBS	Pub & Priv	Anaesthetic Time	140	154.0	198.7	77.5
	H1	Priv	Anaesthetic Start to Op End	3	43.3	54.9	78.9
	H4	Priv	Anaesthetic Start to Op End	5	46.0	54.8	83.9
	H5	Priv	Anaesthetic Start to Surgery End	37	125.0	130.3	95.9
	H6	Priv	Anaesthetic Start to Op End	1	20.0	29.9	66.9
	H8	Priv	Patient in Theatre to Drapes Removed	19	88.2	112.7	78.2
	H9A	Priv	Inpatient in A. Bay to Surgery Finish	54	140.0	135.3	103.5
	H9B	Day	Day Surgery, Anaesthetist Start to Surgery Finish	3	60.0	43.4	138.1
	H10	Priv	Anaesthetic Start to Op End	1	20.0	24.1	83.0
	H13	Priv	Anaesthetic Start to Surgeon End	1	20.0	29.0	69.0
	H15	Priv	Anaesthetic Start to Op End	50	131.2	111.6	117.5
	H16	Pub	Anaesthetic Start to Proc End	66	146.7	169.1	86.8
	H17	Pub	Anaesthetic Start to Surgical End	85	164.7	232.2	70.9
	H18	Priv	Anaesthetic Start to Proc End	50	126.8	110.3	115.0
	H19	Pub	Anaesthetic Start to Dressings Applied	81	154.6	185.8	83.2
H20	Pub	Anaesthetist Start to End Dressings	11	63.2	70.1	90.1	
CANS	Pub & Priv	Anaesthetist Start to Operation Finish	49	147.5	132.6	111.2	
Deloitte	Pub & Priv	Anaesthetic Time	19	118.2	108.8	108.6	
ANAESTHETIC TIME 2 (OAT 2)	H8	Priv	Patient in Theatre to Xfer from OR	20	91.0	125.6	72.5
	H11	Priv	Anaesthetic Start to Xfer to Recovery	9	101.7	141.9	71.7
	H12	Pub	Anaesthetic Start to Xfer to Recovery	0			
	H13	Priv	Anaesthetic Start to Xfer from OR	1	20.0	34.0	58.8
	H14	Pub	Anaesthetic Start to Recovery Admission	81	157.9	190.4	82.9
	H15	Priv	Anaesthetic Start to Recovery Admission	52	137.3	133.3	103.0
	H16	Pub	Anaesthetic Start to Recovery Admission	66	146.7	179.4	81.8
	H17	Pub	Anaesthetic Start to Xfer from OR	87	165.2	248.8	66.4
	H18	Priv	Anaesthetic Start to Xfer from OR	50	126.8	118.5	107.0
	H19	Pub	Anaesthetic Start to Ex Theatre	86	154.0	197.2	78.1
	H20	Pub	Anaesthetist Start to Admit Recovery/ICU	11	63.2	79.8	79.2
	CANS	Pub & Priv	Anaesthetist Start to Anaesthetist Finish	49	147.5	140.5	104.9
TIME IN THEATRE (THT)	H2	Priv	Total Time in Theatre	19	114.5	99.6	115.0
	H3	Priv	Total Time in Theatre	1	20.0	50.3	39.8
	H7	Day	Total Time in Theatre	4	55.0	30.5	180.4
	H11	Priv	Dress, scrub etc. to Xfer to Recovery	9	101.7	163.8	62.1
	H15	Priv	Theatre Reception to Recovery Admission	52	137.3	155.6	88.3
	H19	Pub	In Op Suite to Ex Theatre	88	152.8	218.3	70.0
	C'mix Pub	Pub	Casemix Public Theatre Time	7	80.0	52.5	152.4
	C'mix Priv	Priv	Casemix Private Theatre Time	16	61.3	42.6	143.7
	C'mix Othe	Day & Other	Casemix Other Theatre Time	2	15.0	20.6	72.9
WA	Priv	WA Group Total Time in Theatre	71	135.4	127.0	106.6	

\* Median ratio of NEUS intra time estimates to OPT (excluding H4, H6, H9A, H9B and H11)  
Unweighted = 123.1 %  
Weighted (for number of items in common) = 101.7 %















**Professional Relativities Study**

**THEATRE TIMES**

**Orthopaedic Surgery**

**October 1999**

**National Centre for Classification in Health**

**COMPARISON OF ORTHOPAEDIC SURGERY (ORTH)  
INTRA TIME ESTIMATES WITH OTHER ESTIMATES**

Time	OTHER TIME ESTIMATE (OTE)			No. of items in common	Average Time in Minutes		Ratio 100 x ORTH/OTE
	ID	Type	Definition of Time		ORTH	OTE	
OPERATION TIME (OPT)*	H1	Priv	Op Start to Op End	93	76.4	44.6	171.2
	H4	Priv	Op Start to Op End	118	80.6	50.5	159.4
	H6	Priv	Op Start to Op End	67	67.5	44.0	153.5
	H8	Priv	Surgeon Start to Drapes Removed	231	81.3	57.9	140.4
	H9A	Priv	Inpatient, Surgery Start to Surgery Finish	102	98.4	85.5	115.2
	H9B	Day	Day Surgery, Surgery Start to Surgery Finish	58	58.5	41.3	141.9
	H10	Priv	Op Start to Op End	46	82.5	49.8	165.7
	H11	Priv	Knife to Skin - Application of Dressing	147	77.0	81.4	94.5
	H13	Priv	Surgeon Start to Surgeon Finish	71	66.3	44.4	149.3
	H15	Priv	Op Start to Op End	173	87.9	59.5	147.7
	H16	Pub	Proc Start to Proc End	236	85.7	75.6	113.4
	H17	Pub	Surgical Start to Surgical End	266	90.6	73.7	122.9
	H18	Priv	Proc Start to Proc End	253	88.0	64.1	137.3
	H19	Pub	Positioning to Dressings Applied	171	96.0	79.3	121.1
	H20	Pub	Preparation/Positioning to End Dressings	199	79.8	62.3	128.1
	APHA	Priv	Procedure Time	121	75.5	63.7	118.7
	CANS	Pub & Priv	Op Start to Op Finish	246	92.2	72.5	127.2
Deloitte	Pub & Priv	Procedure Time	121	76.6	55.0	139.2	
OPERATION TIME 2 (OPT 2)	H8	Priv	Surgeon Start to Xfer from OR	233	81.2	63.1	128.6
	H13	Priv	Surgeon Start to Xfer from OR	73	66.6	49.4	134.7
	H15	Priv	Op Start to Recovery Admission	179	88.7	65.2	136.1
	H16	Pub	Proc Start to Recovery Admission	237	85.6	80.4	106.4
	H17	Pub	Surgical Start to Xfer from OR	275	91.1	84.2	108.2
	H18	Priv	Proc Start to Xfer from OR	261	87.4	69.7	125.3
	H19	Pub	Positioning to Ex Theatre	229	92.6	84.3	109.9
	H20	Pub	Preparation/Positioning to Admit Recovery/ICU	205	80.0	71.8	111.4
CANS	Pub & Priv	Operation Start to Anaesthetist Finish	245	91.4	78.0	117.2	
ANAESTHETIC TIME (OAT)	MBS	Pub & Priv	Anaesthetic Time	506	97.5	107.5	90.6
	H1	Priv	Anaesthetic Start to Op End	98	78.2	66.2	118.1
	H4	Priv	Anaesthetic Start to Op End	126	78.9	79.8	98.9
	H5	Priv	Anaesthetic Start to Surgery End	173	75.3	68.2	110.3
	H6	Priv	Anaesthetic Start to Op End	69	68.8	56.8	121.1
	H8	Priv	Patient in Theatre to Drapes Removed	241	81.0	71.6	113.2
	H9A	Priv	Inpatient in A. Bay to Surgery Finish	102	98.4	98.5	100.0
	H9B	Day	Day Surgery, Anaesthetist Start to Surgery Finish	62	58.3	53.0	110.0
	H10	Priv	Anaesthetic Start to Op End	45	81.7	64.4	126.9
	H13	Priv	Anaesthetic Start to Surgeon End	72	66.9	60.2	111.2
	H15	Priv	Anaesthetic Start to Op End	180	89.0	75.3	118.1
	H16	Pub	Anaesthetic Start to Proc End	238	86.5	92.4	93.6
	H17	Pub	Anaesthetic Start to Surgical End	275	90.9	103.2	88.0
	H18	Priv	Anaesthetic Start to Proc End	258	89.3	82.7	108.0
	H19	Pub	Anaesthetic Start to Dressings Applied	181	95.4	107.4	88.8
H20	Pub	Anaesthetist Start to End Dressings	207	80.1	88.3	90.7	
CANS	Pub & Priv	Anaesthetist Start to Operation Finish	250	93.1	79.5	117.1	
Deloitte	Pub & Priv	Anaesthetic Time	121	76.6	66.5	115.2	
ANAESTHETIC TIME 2 (OAT 2)	H8	Priv	Patient in Theatre to Xfer from OR	242	81.0	76.3	106.2
	H11	Priv	Anaesthetic Start to Xfer to Recovery	153	77.8	101.0	77.1
	H12	Pub	Anaesthetic Start to Xfer to Recovery	21	51.9	54.4	95.4
	H13	Priv	Anaesthetic Start to Xfer from OR	74	69.6	71.0	98.0
	H14	Pub	Anaesthetic Start to Recovery Admission	305	91.2	100.0	91.1
	H15	Priv	Anaesthetic Start to Recovery Admission	185	89.0	82.0	108.5
	H16	Pub	Anaesthetic Start to Recovery Admission	241	85.0	97.0	87.6
	H17	Pub	Anaesthetic Start to Xfer from OR	277	90.5	111.3	81.3
	H18	Priv	Anaesthetic Start to Xfer from OR	262	89.4	89.4	100.0
	H19	Pub	Anaesthetic Start to Ex Theatre	233	92.4	111.9	82.6
	H20	Pub	Anaesthetist Start to Admit Recovery/ICU	209	81.1	98.1	82.7
	CANS	Pub & Priv	Anaesthetist Start to Anaesthetist Finish	250	93.1	85.0	109.5
TIME IN THEATRE (THT)	H2	Priv	Total Time in Theatre	161	80.2	71.6	111.9
	H3	Priv	Total Time in Theatre	6	59.2	51.7	114.5
	H7	Day	Total Time in Theatre	81	65.0	46.4	140.0
	H11	Priv	Dress, scrub etc. to Xfer to Recovery	153	77.6	118.3	65.5
	H15	Priv	Theatre Reception to Recovery Admission	185	88.8	102.9	86.3
	H19	Pub	In Op Suite to Ex Theatre	234	90.8	128.7	70.5
	C'mix Pub	Pub	Casemix Public Theatre Time	127	55.8	36.6	152.5
	C'mix Priv	Priv	Casemix Private Theatre Time	251	65.8	43.5	151.4
	C'mix Oth	Day & Oth	Casemix Other Theatre Time	42	53.2	37.4	142.2
	WA	Priv	WA Group Total Time in Theatre	429	97.3	81.2	119.8

\* Median ratio of ORTH intra time estimates to OPT  
(excluding H4, H6, H9A, H9B and H11)  
Unweighted = 137.3 %































**THEATRE TIMES - ORTHOPAEDIC SURGERY (ORTH)**

MBS Item	Intra Service Time ORTH	ANAESTHETIC TIME 2													THEATRE TIME										FREQUENCY																											
		OAT 2													THT										FQ																											
		H8	H11	H12	H13	H14	H15	H16	H17	H18	H19	20	CA NS	H2	H3	H7	H11	H15	H19	Cmi x	Cmi x	Cmi x	WA	H1	H3	H4	H6	H7	H8	H9A	H9B	H10	H11	H12	H13	H14	H15	H16	H17	H18	H19	H20	AP HA	CA NS	Cmi x	Cmi x	Cmi x	Del				
49503	60	67			80	98	64	80	48		78	57					113	168	33	40	40	60													10	3	4	3	1	1	3	247	5	3	31	1	10					
49506	90	65	117		118	99	120	130	78		150	75	53			136	111			37		90	4		3	9	4					4	2	2	1	21		1	624	8		43		18								
49509	120	56	115		145							55				134				35		60				1															2074	1		1								
49512	180	177						190														90																														
49515	120		151		248	110	176	156				97	95			174	115				90				1					1	2		2	1	1	4						1										
49517	110	171				75		120	127				95				85				120	1						3	5					1		11	1															
49518	120	110	171		142	178	148	161	162	143	171	183	136	90		196	167	188	50		150	17		107			191	150		22	56		11	140	58	41	104	184	10	60		149	2			196						
49519	200				263	103	141	139	153			204					123				180								2	1			2	3	3	4	4					9										
49521	150				130	145		152	159	170	161						173	218		65	150														1	4		3	1	3			4		1							
49524	200	224						345				185									180	1					1			4									1				2									
49527	210	150	166		247	158	181	167	147	209	129	126			190	177	212				180	2		5			18	10		3	8			11	7	3	11	33	2		11					9						
49530	210	153		261	165	258	149	273	254	180	154						292	190			210	1		1			3	10					1	1	3	1	4	5	1			2										
49533	240							289	212			190									210																		2	2			1				6					
49534	100	77			135		130		92		135	120									150												3		3			2			1		1									
49536	100	109	152		125		135	119	112	119	143	121	87			175		132		56	120	1	112	5	8		12		13		4		12		3	17	22	6	5	255	16		2		25							
49539	100	90	122		134	123	157	134	128	150	161	107	125			142	160	162		75	120					6	26		74			19		14	2	15	15	32	2	7		13		4		20						
49542	150	106			125	129	169	140	109	128	173	103	120		95		169	141		77	93	120					24	2	1	6			2	5		24	8	5	15	31	1	15		65		181	1	64				
49545	150						257														120																			1												
49548	80	84	145		55		44	55	89			108				167					90													1			1	1	1	2					2							
49551	150				190		131		153	61		102						80		68	120														1			2			4	3			3		17					
49554	200	154			268		259			415								421			150															2		1				1										
49557	30	36	70	35	49	65	40	56	54	37	54	62	43	28	47	44	85	59	72	38	32	32	45	7	1	44	10	15	185	4	14	8	38	1	20	138	35	106	126	98	23	56	1000	33	95	1005	11	232				
49558	45	40	70		55	74	41	59	60	40	50	64	43	48		30	85	68	61	20	34	45				33	19	3	101		8		8		8	17	10	12	28	104	1	7		53	6	371						
49559	60	38			63	90	48	67	47			65	49				108				37		40				1	1		4	3			2	2	1	4	8		2		3		3		69						
49560	60	40	75	49	60	66	50	57	63	42	65	66	47	45	54	39	90	71	81	35	39	38	60	23	4	174	68	104	388	1	64	42	166	12	25	225	135	46	205	209	23	104		119	113	6025	71	984				
49561	65	40	75	50	67	76	49	45	62	45	62	70	47	46		41	90	74	84	62	38	35	45	26		120	113	62	444	1	137	2	42	5	38	88	48	6	50	564	5	67		299	24	3500	21					
49562	65	41			101	56	50	66	60	57	51	90	47			35	60	72		46	45	90	3											1	4	8	2	4	16	3	1		11		248	1						
49563	90	53			76	59	61	84	56	75	118	91	85		92		75	85	59	47	68	60				9		3	4	2				11	13	5	12	19	1	3		10	11	277	2	8						
49566	90	108	60		76	55	41	78	73	59	55	49	50		46	74	70	78	31	35	60	60	3		1	1	4	1			3	1	1		5	3	1	6	4	2	1		7	5	57		6					
49569	100				68			110				90					89	118		36	60															2				2				1		1						
49700	45	36	98		58	52	77	60	59	50		60				115	76	55	45		45																								1	3						
49703	60	55	125		69	74	74	99	71	49	74	50	58	67		50	145	104	80	32	54	53	60	2		2	2	1	48			133		2		2	10	4	1	14	69	1	1		22	3	303	3	17			
49706	60	48	95		66	42	74	68	58		74	55	53			112	50		39	42	60	1			3											5	3	1	3	3		3	159	2	1	15		8				
49709	75	68			100	65	119	86	69		102	58	78				88			28	60	1															4	3	1	6	3		4	222	5		14					
49712	90	106	219		171	85	129	106	113		150	153	93			243	115			60	90	1			3			5	3					10	1	4	5	7		5		2			1							
49715	150							154	168													180																				2										
49718	60	60	82		67	70	52	68	84	54	84	75	69	53		40	98	76	102		41	60	1		1	1	1	41			4				5	22	13	10	13	18	2	9	154	6		11		26				
49721	20				25												55																					1														
49724	80	47	96		75	74		90	112	100	83	80	64			113	94	135		45	60	2															2	6			1	2	1	2		2		1				
49727	40	37			73	59	65	55	68	35		40					74	58	34	31	60					2											3	5	2	1	2	1			1	4	11					
49800	45	45	71		40		72									86			28	20	45																									7		1	1			
49803	60																				45																															
49806	30							60	45		20										17																															
49809	20	26				23		52	30	30		40																																								







