#### **NEUROSURGERY**

### PROCEDURE A (RM 4401 - RM 4800)

- 1 Brain Excision of lesion of cranial nerve (Intracranial)
- 2 Brain Excision of lesion of brain stem
- 3 Brain Excision of lesion of pineal region
- 4 Brain Excision of lesion of cerebello pontine region
- 5 Brain Stereotactic ablation of tissue of brain
- 6 Brain Deep Brain stimulation
- 7 Brain Hemispherectomy
- 8 Cranium Petrosectomy
- <sup>9</sup> Spine, spinal cord and peripheral nerves Cervical region Anterior decompression with fusion and instrumentation
- Spine, spinal cord and peripheral nerves Cervical region Combined anterior and posterior fusion of cervical spine including instrumentation
- Spine, spinal cord and peripheral nerves Cervical region Revision anterior decompression with fusion and instrumentation
- Spine, spinal cord and peripheral nerves Cervical region Trans oral surgery including posterior fixation
  - Spine, spinal cord and peripheral nerves Lumbar region Anterior spinal fusion with
- 13 instrumentation For scoliosis, kyphosis, fracture, tumours, degenerative or infection
- Spine, spinal cord and peripheral nerves Lumbar region Combined anterior and posterior decompression including fusion and instrumentation
- Spine, spinal cord and peripheral nerves Lumbar region Posterior spinal fusion with instrumentation for scoliosis, kyphosis, fracture, tumour or infection

## PROCEDURE B ( RM 3601 - RM 4400 )

- 16 General procedures Excision of lesion of meninges brain
- 17 General procedures Excision of lesion of pituitary gland
- 18 General procedures Excision of lesion of tissue of brain
- 19 Brain Cordotomy
- 20 Brain Ligation/Clipping of aneurism of cerebral artery
- 21 Brain Excision of arteriovenous malformation
- 22 Brain Creation of cerebrovascular anastomosis
- 23 Brain Epilepsy surgery
- 24 Brain Thalamotomy or papillodotomy
- 25 Brain Therapeutic endoscopic operation on ventricle of brain
- 26 Cranium Decompression and fusion of cranio cervical junction
- 27 Cranium Craniotomy for posterior fossa tumour
- 28 Cranium Craniotomy and excision of intraventricular and para ventricular tumours
- 29 Cranium Craniotomy for suprasellar tumour
- 30 Cranium Craniotomy and excision of suprasellar and para pontine tumours

- 31 Cranium Craniotomy and excision of tumours transtentorially
- Spine, spinal cord and peripheral nerves Cervical region Open door laminoplasty of the cervical region (Hirobyashi)
- Spine, spinal cord and peripheral nerves Cervical region Primary anterior excision of disc(s) including fusion
- Spine, spinal cord and peripheral nerves Cervical region Primary anterior excision of disc(s) with fusion and instrumentation
- Spine, spinal cord and peripheral nerves Cervical region Primary posterior decompression with fusion and instrumentation
- Spine, spinal cord and peripheral nerves Cervical region Revision anterior decompression including fusion
- Spine, spinal cord and peripheral nerves Cervical region Revision anterior excision of disc(s) including fusion
- Spine, spinal cord and peripheral nerves Cervical region Revision anterior excision of disc(s) with fusion and instrumentation
- Spine, spinal cord and peripheral nerves Cervical region Revision posterior decompression including fusion
- Spine, spinal cord and peripheral nerves Cervical region Revision posterior decompression with fusion and instrumentation
- Spine, spinal cord and peripheral nerves Cervical region Revision posterior excision of intervertebral disc(s) including fusion
- Spine, spinal cord and peripheral nerves Cervical region Revision posterior excision of intervertebral disc(s) with fusion and instrumentation
- Spine, spinal cord and peripheral nerves Thoracic region Primary anterior/transthoracic decompression including fusion
- Spine, spinal cord and peripheral nerves Thoracic region Primary anterior/transthoracic decompression with fusion and instrumentation
- Spine, spinal cord and peripheral nerves Thoracic region Primary posterior decompression with fusion and instrumentation Spine, spinal cord and peripheral nerves Thoracic region Primary
- 46 transthoracic/posterior/antero-lateral excision of intervertebral disc(s) with fusion and instrumentation
- Spine, spinal cord and peripheral nerves Thoracic region Revision anterior/transthoracic decompression including fusion
- Spine, spinal cord and peripheral nerves Thoracic region Revision posterior decompression including fusion
- Spine, spinal cord and peripheral nerves Thoracic region Revision posterior decompression with fusion and instrumentation
- Spine, spinal cord and peripheral nerves Lumbar region Primary anterior decompression with fusion and instrumentation
- Spine, spinal cord and peripheral nerves Lumbar region Primary posterior decompression with fusion and instrumentation
- Spine, spinal cord and peripheral nerves Lumbar region Primary posterior excision of intervertebral disc(s) with fusion and instrumentation (including Graf Stabilisation)

- Spine, spinal cord and peripheral nerves Lumbar region Primary
- 53 transabdominal/retro-peritoneal excision of intervertebral disc(s) including fusion and instrumentation
- Spine, spinal cord and peripheral nerves Lumbar region Revision anterior decompression with fusion and instrumentation
- Spine, spinal cord and peripheral nerves Lumbar region Revision anterior excision of intervertebral disc(s) including fusion
- Spine, spinal cord and peripheral nerves Lumbar region Revision anterior excision of intervertebral disc(s) with fusion and instumentation
- Spine, spinal cord and peripheral nerves Lumbar region Revision posterior excision of intervertebral disc(s) with fusion and instrumentation
- Spine, spinal cord and peripheral nerves Spinal cord Excision of intramedullary tumour

## PROCEDURE C ( RM 2801 - RM 3600 )

- 59 General procedures Evacuation of subdural haematoma or abscess
- 60 General procedures Evacuation of extradural haematoma
- 61 General procedures Evacuation of intracerebral haematoma
- 62 Brain Stereotactic biopsy
- 63 Brain Diagnostic endoscopic examination and biopsy of lesion of ventricle of brain
- 64 Brain Excision of abscess of brain
- 65 Cranium Craniosynostosis (for more than one suture)
- 66 Cranium Foramen magnum decompression
- 67 Cranium Suboccipital craniectomy
- 68 Cranium Subtemporal decompression
- 69 Meninges Operation of arachnoidal cyst
- Spine, spinal cord and peripheral nerves Cervical region Axial-occipital fusion or atlanto-occipital fusion
- 71 Spine, spinal cord and peripheral nerves Cervical region Anterior cervical fusion
- Spine, spinal cord and peripheral nerves Cervical region Primary posterior decompression including fusion
- Spine, spinal cord and peripheral nerves Cervical region Primary posterior excision of cervical disc
- Spine, spinal cord and peripheral nerves Thoracic region Exploration of pleksus brakial
- Spine, spinal cord and peripheral nerves Thoracic region Primary posterior decompression including fusion
  - Spine, spinal cord and peripheral nerves Thoracic region Primary
- 76 transthoracic/posterior/antero-lateral excision of intervertebral disc(s) including fusion
- Spine, spinal cord and peripheral nerves Lumbar region Primary anterior decompression including fusion
- Spine, spinal cord and peripheral nerves Lumbar region Primary posterior decompression of spine including fusion

- Spine, spinal cord and peripheral nerves Lumbar region Primary posterior excision of intervertebral disc(s) including fusion
- Spine, spinal cord and peripheral nerves Lumbar region Revision posterior decompression with fusion and instrumentation
- Spine, spinal cord and peripheral nerves Spinal cord Drainage of spinal canal (including insertion of shunt)
- 82 Spine, spinal cord and peripheral nerves Spinal cord Release of tethered cord
- 83 Spine, spinal cord and peripheral nerves Spinal cord Excision of intradural lesion
- Spine, spinal cord and peripheral nerves Peripheral nerves Exploration and grading of brachial plexus
- 85 Carotid endarterectomy and/or arterial graft

## PROCEDURE D (RM 2201 - RM 2800)

- 86 General procedures Repair of dura
- 87 Brain Transphenoidal surgery (endoscopic)
- 88 Brain Stereotactic radiosurgery for arteriovenous malformation
- 89 Brain Excision of encephalocoele
- 90 Brain Implantation of neurostimulator
- 91 Brain Open biopsy of lesion of tissue of brain
- 92 Brain Ventriculocisternostomy
- 93 Cranium Craniosynostosis (for single suture)
- 94 Cranium Craniotomy
- 95 Cranium Elevation of depressed fracture of cranium
- 96 Cranium Excision of lesion of cranium
- 97 Cranium Excision of skull tumours
- 98 Cranium Exploratory craniotomy
- 99 Cranium Reconstructive cranioplasty
- 100 Cranium Repair of compound fracture of cranium
- 101 Cranium Retrogasserian Rhizotomy
- 102 Cranium Selective posterior rhizotomy
- Spine, spinal cord and peripheral nerves Common Primary posterior decompression of spine including fusion
- Spine, spinal cord and peripheral nerves Common Primary posterior excision of lumbar intervertebral disc(s) including fusion
- 105 Spine, spinal cord and peripheral nerves Cervical region Cervical laminectomy
- 106 Spine, spinal cord and peripheral nerves Lumbar region Endoscopic disectomy
- Spine, spinal cord and peripheral nerves Lumbar region Exploration of spine including biopsy

- 108 Spine, spinal cord and peripheral nerves Lumbar region Lumbar laminectomy
- 109 Spine, spinal cord and peripheral nerves Lumbar region Microdiscectomy
- Spine, spinal cord and peripheral nerves Lumbar region Percutaneous (or laser) discectomy
- 111 Spine, spinal cord and peripheral nerves Lumbar region Revision microdisectomy
- Spine, spinal cord and peripheral nerves Lumbar region Revision posterior excision of intervertebral disc(s) including fusion
- Spine, spinal cord and peripheral nerves Spinal cord Repair of spinal myelomeningocoele
- Spine, spinal cord and peripheral nerves Spinal cord Implantation of spinal cord neurostimulator
- 115 Spine, spinal cord and peripheral nerves Nerves roots Rhizolysis
- Spine, spinal cord and peripheral nerves Sympathetic nerves Thorascopic cervical sympathectomy
- Spine, spinal cord and peripheral nerves Peripheral nerves Carpal or cubital tunnel release including endoscopic (bilateral)
- Spine, spinal cord and peripheral nerves Peripheral nerves Implantation of neurostimulator into peripheral nerve
- Spine, spinal cord and peripheral nerves Peripheral nerves Primary graft to peripheral nerve
- Spine, spinal cord and peripheral nerves Peripheral nerves Primary repair of peripheral nerve including microsurgery
- Spine, spinal cord and peripheral nerves Peripheral nerves Secondary graft to peripheral nerve
- 122 Spine, spinal cord and peripheral nerves Pain relief Cryotherapy to pituitary gland
- Spine, spinal cord and peripheral nerves Pain relief Percutaneous cordotomy of spinal cord

## PROCEDURE E ( RM 1801 - RM 2200 )

- 124 General procedures Creation of ventriculoperitoneal shunt
- 125 General procedures Revision of ventriculoperitoneal shunt
- 126 Brain Transphenoidal surgery
- 127 Brain Ventriculo-atrial shunt
- 128 Brain Revision of ventriculo-atrial shunt
- 129 Cranium Major repair of scalp, skull, dura and brain following trauma
- 130 Cranium Cranioplasty
- Spine, spinal cord and peripheral nerves Sympathetic nerves Laparoscopic lumbar sympathectomy
- Spine, spinal cord and peripheral nerves Peripheral nerves Secondary repair of peripheral nerve including microsurgery
  - Spine, spinal cord and peripheral nerves Pain relief Facet or sacroiliac joint RF
- 133 thermocoagulation including rhizolysis (under X-ray control with sedation/general anesthetic (GA)) 6 joints

- Spine, spinal cord and peripheral nerves Pain relief Implantation of neurostimulator into peripheral nerve
- Spine, spinal cord and peripheral nerves Pain relief Trigeminal ganglion radio frequency lesion (under X-ray control)

# PROCEDURE F (RM 1501 - RM 1800)

- 136 Brain Aspiration of abscess of brain
- Spine, spinal cord and peripheral nerves Lumbar region Removal of correctional instrumentation from spine
- Spine, spinal cord and peripheral nerves Sympathetic nerves Presacral sympathectomy
- Spine, spinal cord and peripheral nerves Peripheral nerves Neurectomy (major nerve)
- Spine, spinal cord and peripheral nerves Peripheral nerves Revision of release of peripheral nerve
- Spine, spinal cord and peripheral nerves Peripheral nerves Secondary repair of nerve trunk

### PROCEDURE G (RM 1001 - RM 1500)

- 142 General procedures External ventricular drainage
- 143 Brain Creation of subcutaneous CSF reservoir
- 144 Brain Removal of neurostimulator Implantation from brain (any route)
- 145 Cranium Exploratory burrhole of cranium
- 146 Spine Carpal or cubital tunnel release including endoscopic
- 147 Spine Exploration, repair or stripping of peripheral nerve
- Spine Facet or sacroiliac joint radio frequency (RF) thermo-coagulation including rhizolysis (under X-ray control with sedation/GA)
- 149 Spine, spinal cord and peripheral nerves lumbar region Chemonucleolysis
- Spine, spinal cord and peripheral nerves peripheral nerves Carpal or cubital tunnel release including endoscopic
- Spine, spinal cord and peripheral nerves peripheral nerves Excision of lesion of major nerve
- Spine, spinal cord and peripheral nerves peripheral nerves Excision of lesion of peripheral nerve
- Spine, spinal cord and peripheral nerves peripheral nerves Neurolysis and transposition of peripheral nerve
- Spine, spinal cord and peripheral nerves peripheral nerves Primary repair of nerve trunk
- Spine, spinal cord and peripheral nerves peripheral nerves Primary repair of peripheral nerve
- Spine, spinal cord and peripheral nerves peripheral nerves Release of entrapment of deeply placed peripheral nerve
- Spine, spinal cord and peripheral nerves peripheral nerves Secondary repair of peripheral nerve

- Spine, spinal cord and peripheral nerves peripheral nerves Section of transverse carpal arctarsal ligaments
- Spine, spinal cord and peripheral nerves pain relief Coeliac plexus block (LA or neurolytic)
- Spine, spinal cord and peripheral nerves pain relief Dorsal root ganglion block (Radiofrequency)
  - Spine, spinal cord and peripheral nerves pain relief Facet or sacroiliac joint RF
- 161 thermocoagulation including rhizolysis (Under X-ray control with sedation/GA) 3 joints
- Spine, spinal cord and peripheral nerves pain relief Lumbar sympathectomy Therapeutic (Neurolytic under X-ray control)
- Spine, spinal cord and peripheral nerves pain relief Splanchnic nerve block (bilateral) (LA or neurolytic)
- Spine, spinal cord and peripheral nerves pain relief Thoracic sympathectomy Therapeutic (Neurolytic under X-ray control)

## PROCEDURE H ( RM 751 - RM 1000 )

- 165 General procedures Burrholes
- 166 General procedures Ventricular puncture
- 167 Cranium Application of skull tongs
- 168 Cranium Ventriculography
- 169 Meninges Subdural Tap
- 170 Spine, spinal cord and peripheral nerves common Manipulation of spine
- Spine, spinal cord and peripheral nerves peripheral nerves Biopsy of peripheral nerve
- Spine, spinal cord and peripheral nerves peripheral nerves Excision of peripheral nerve
- Spine, spinal cord and peripheral nerves peripheral nerves Release of entrapment of peripheral nerve
- Spine, spinal cord and peripheral nerves peripheral nerves Transection of peripheral nerve
- Spine, spinal cord and peripheral nerves pain relief Dorsal root ganglion block (LA or neurolytic)
- Spine, spinal cord and peripheral nerves pain relief Facet joint injection (under X-ray control with sedation/GA) 6 joints
- Spine, spinal cord and peripheral nerves pain relief Facet joint injection (under X-ray control with sedation/GA) 4 joints
- Spine, spinal cord and peripheral nerves pain relief Injection of therapeutic substance into CSF
- 179 Spine, spinal cord and peripheral nerves pain relief Intrathecal neurolysis
- Spine, spinal cord and peripheral nerves pain relief Lumbar sympatectomy diagnosis (LA under X-ray control)
- Spine, spinal cord and peripheral nerves pain relief Peripheral nerve lesion (radio frequency, cryoprobe or phenol)
- Spine, spinal cord and peripheral nerves pain relief Thoracic sympathectomy diagnosis (LA under X-ray control)

- Spine, spinal cord and peripheral nerves pain relief Trigeminal ganglion injection (LA under X-ray control)
- 184 Neurosurgery(additional) Ligation of carotid artery

## PROCEDURE I ( RM 601 - RM 750 )

- 185 Spine, spinal cord and peripheral nerves common Epidural injection (lumbar)
- Spine, spinal cord and peripheral nerves common Recording and reporting on EMG and nerve conduction study
- 187 Spine, spinal cord and peripheral nerves Pain relief Epidural injection (cervical)
- Spine, spinal cord and peripheral nerves Pain relief Facet joint injection (under X-ray control with sedation/GA) 2 joints
- Spine, spinal cord and peripheral nerves Pain relief Paravertebral block up to two levels (under X-ray control)
- Spine, spinal cord and peripheral nerves Pain relief Sacral root block (under X-ray control)
- Spine, spinal cord and peripheral nerves Pain relief Stellate ganglion block (local anesthetic (LA))
- Spine, spinal cord and peripheral nerves Pain relief Stellate ganglion block (neurolytic)

# PROCEDURE J (RM 401 - RM 600)

- 193 General procedures Removal of ventriculoperitoneal shunt
- 194 Brain Removal of ventriculo-atrial shunt
- Spine, spinal cord and peripheral nerves common Lumbar puncture (including spinal manometry)
- Spine, spinal cord and peripheral nerves common Paravertebral block (without X-ray control)
- Spine, spinal cord and peripheral nerves spinal cord Lumbar puncture (including spinal manometry)
- 198 Spine, spinal cord and peripheral nerves pain relief Epidural injection (lumbar)
- 199 Spine, spinal cord and peripheral nerves pain relief Epidural injection (thoracic)
- Spine, spinal cord and peripheral nerves pain relief Injection(s) into large joint(s) under X-ray control
- Spine, spinal cord and peripheral nerves pain relief LA blockade of major nerve trunk
- Spine, spinal cord and peripheral nerves pain relief Paravertebral block (without X-ray control)

## PROCEDURE K (RM 301 - RM 400)

# PROCEDURE L (RM 201 - RM 300)

PROCEDURE M ( RM 121 - RM 200 )
PROCEDURE N ( RM 76 - RM 120 )
PROCEDURE O (RM 51 - RM 75)
PROCEDURE P ( RM 31 - RM 50 )
PROCEDURE Q (RM 21 - RM 30)
PROCEDURE R ( RM 20 )