| **Groupings** |
| --- |
| **04 - Neurosurgical** |
| **04.01 - ANEURYSM CLIPS** |
| **04.01.01 - Aneurysm Clip** |
|  |
| **Complex** |
| **04.01.02 - AVM Clip** |
|  |
| **04.02 - DURA DEFECT REPAIR** |
| **04.02.01 - Repair, Graft, Small (≤10cm²)** |
|  |
| **Biological** |
| **04.02.02 - Repair, Graft, Medium (>10 to 50cm²)** |
|  |
| **Biological** |
| **04.02.03 - Repair, Graft, Large (>50 to 100cm²)** |
|  |
| **Biological** |
| **04.02.04 - Repair, Graft, Extra Large (>100cm²)** |
|  |
| **Biological** |
| **04.02.05 - Repair, Liquid Sealant (0 to 3ml)** |
|  |
| **04.02.06 - Repair, Liquid Sealant (>3 to 6ml)** |
|  |
| **04.02.07 - Repair, Self-Adhesive Membrane Sealant, Small (≤10cm²)** |
|  |
| **04.02.08 - Repair, Self-Adhesive Membrane Sealant, Medium (>10 to 50cm²)** |
|  |
| **04.02.09 - Repair, Self-Adhesive Membrane Sealant, Large (>50 to 100cm²)** |
|  |
| **04.03 - HYDROCEPHALUS DEVICES** |
| **04.03.01 - Valves** |
| **04.03.01.01 - Valve, Externally Adjustable** |
|  |
| **Antisyphon function, Coating, Distal catheter, Proximal catheter, Reservoir/Priming function** |
| **Antisyphon function, Coating, Distal catheter, Reservoir/Priming function** |
| **Antisyphon function, Coating, Reservoir/Priming function** |
| **Antisyphon function, Distal catheter, Proximal catheter, Reservoir/Priming function** |
| **Antisyphon function, Distal catheter, Reservoir/Priming function** |
| **Antisyphon function, Reservoir/Priming function** |
| **Distal catheter, Lumboperitoneal, Proximal catheter, Reservoir/Priming function** |
| **Distal catheter, Proximal catheter, Reservoir/Priming function** |
| **Distal catheter, Reservoir/Priming function** |
| **Lumboperitoneal, Reservoir/Priming function** |
| **Reservoir** |
| **Reservoir/Priming function** |
| **04.03.01.02 - Valve, Non-externally adjustable** |
|  |
| **Antibiotics, Antisyphon function, Distal catheter, Proximal catheter, Reservoir/Priming function** |
| **Antibiotics, Distal catheter, Proximal catheter** |
| **Antibiotics, Distal catheter, Proximal catheter, Reservoir/Priming function** |
| **Antisyphon function** |
| **Antisyphon function, Coating, Distal catheter, Proximal catheter, Reservoir/Priming function** |
| **Antisyphon function, Coating, Distal catheter, Reservoir/Priming function** |
| **Antisyphon function, Coating, Reservoir/Priming function** |
| **Antisyphon function, Distal catheter, Proximal catheter, Reservoir/Priming function** |
| **Antisyphon function, Distal catheter, Reservoir/Priming function** |
| **Antisyphon function, Lumboperitoneal** |
| **Antisyphon function, Reservoir/Priming function** |
| **Distal catheter, Lumboperitoneal** |
| **Distal catheter, Proximal catheter** |
| **Distal catheter, Proximal catheter, Reservoir/Priming function** |
| **Distal catheter, Reservoir/Priming function** |
| **Lumboperitoneal** |
| **Reservoir/Priming function** |
| **04.03.01.03 - Valve and gravitational unit, externally adjustable** |
|  |
| **Distal Catheter** |
| **Distal Catheter, Reservoir/Priming Function** |
| **04.03.02 - Unitised shunt assembly, with proximal/distal catheter** |
|  |
| **Antisyphon function** |
| **Reservoir/Priming function** |
| **04.03.03 - Catheter** |
| **Antibiotics** |
| **Antibiotics, Distal, Proximal** |
| **Distal** |
| **Distal, Coating** |
| **Proximal** |
| **Proximal, Coating** |
| **04.03.04 - Antisyphon Device** |
|  |
| **04.03.05 - Reservoir/Priming Device** |
|  |
| **Integrated Catheter** |
| **04.03.06 - Shunt Attachment** |
| **04.03.06.01 - Connector** |
|  |
| **04.03.06.02 - Right Angled Guide** |
|  |
| **04.04 - DEEP BRAIN STIMULATION (DBS)** |
| **04.04.01 - Implantable Pulse Generator** |
| **04.04.01.01 - Primary Cell Pulse Generator (non-rechargeable)** |
|  |
| **Dual Channel** |
| **04.04.01.02 - Rechargeable Pulse Generator** |
| **Dual Channel** |
| **Unlimited Deep Discharge Battery** |
| **04.04.02 - External Components** |
| **04.04.02.01 - Patient Programmer** |
|  |
| **Bluetooth** |
| **04.04.02.02 - Recharger** |
|  |
| **04.04.03 - Leads** |
| **04.04.03.01 - Permanent Lead** |
|  |
| **Current steering** |
| **04.04.03.02 - Lead Extension** |
|  |
| **04.04.04 - Microtargetting Electrodes** |
|  |
| **04.04.04.01 - Burr Hole Cover** |
| **04.04.04.02 - Connectors and Cables** |
| **04.04.04.03 - Intraoperative accessories** |
| **04.04.05 - Accessories** |
| **04.04.05.01 - Burr Hole Cover** |
|  |
| **04.04.05.02 - Connectors and cables** |
|  |
| **04.04.05.03 - Intraoperative accessories** |
|  |
| **04.05 - NEUROSTIMULATION THERAPIES FOR PAIN MANAGEMENT** |
| **04.05.01 - Pulse Generators** |
|  |
| **04.05.01.01 - Primary Cell Pulse Generator (non-rechargeable)** |
|  |
| **Adaptive Stimulation** |
| **Multi waveforms** |
| **04.05.01.02 - Rechargeable Pulse Generator** |
|  |
| **Adaptive Stimulation** |
| **Adaptive Stimulation, Multi waveform, Recharge protection, Unlimited Deep Discharge Battery,** |
| **Adaptive Stimulation, Unlimited Deep Discharge Battery, 32 Electrode IPG** |
| **Integrated Leads** |
| **Multi waveform, Recharge protection** |
| **Multi waveform, Recharge protection, Unlimited deep discharge battery** |
| **Unlimited Deep Discharge Battery** |
| **Unlimited Deep Discharge Battery, 10kHz Stimulation** |
| **04.05.01.03 - Radio Frequency System** |
|  |
| **Dual Channel** |
| **04.05.02 - External Components** |
| **04.05.02.01 - Patient Programmer** |
|  |
| **Bluetooth** |
| **04.05.02.02 - Patient Programmer Antenna** |
|  |
| **04.05.02.03 - On/Off switching device** |
|  |
| **04.05.02.04 - Recharger** |
|  |
| **04.05.02.05 - External Neurostimulator** |
|  |
| **04.05.03 - Leads** |
| **04.05.03.01 - Permanent Lead** |
| **4 electrodes** |
| **8 electrodes** |
| **≥32 electrodes** |
| **greater than 8 and less than 32 electrodes** |
| **greater than 8 and less than 32 electrodes, Bifurcated proximal tail** |
| **04.05.03.02 - Trial Lead** |
|  |
| **04.05.04 - Lead Extension** |
|  |
| **04.05.05 - Accessories** |
| **04.05.05.01 - Revision Kits** |
|  |
| **04.05.05.02 - Plug** |
|  |
| **04.05.05.03 - Intraoperative Accessories** |
|  |
| **04.05.05.04 - Lead Delivery System** |
|  |
| **04.05.05.05 - Connectors and Cables** |
|  |
| **04.06 - INTRATHECAL DRUG DELIVERY SYSTEM** |
| **04.06.01 - Implantable Infusion Pump**  |
| **Fixed Flow Rate** |
| **Variable Flow Rate** |
| **04.06.02 - Patient Programmer** |
|  |
| **04.06.03 - Intrathecal Catheter** |
| **04.06.03.01 - One piece** |
|  |
| **04.06.03.02 - Two piece** |
|  |
| **Reinforced** |
| **04.06.04 - Accessories** |
|  |
| **04.06.04.01 - Revision Kit** |
|  |
| **04.06.04.02 - Refill/Catheter Access Kits** |
|  |
| **04.07 - NEUROSTIMULATION THERAPIES FOR SEIZURE CONTROL** |
| **04.07.01 - Vagal nerve stimulators** |
| **04.07.01.01 - Implantable pulse generator** |
|  |
| **04.07.01.02 - Lead** |
|  |
| **04.07.02 - Stereo Electroencephalography Guided Radiofrequency Thermocoagulation** |
| **04.07.02.01 - Lead** |
|  |
| **04.08 - NEURO INTERVENTION** |
| **04.08.01 - Stent** |
|  |
| **04.08.02 - Coils** |
|  |
| **04.08.03 - Assist Devices** |
| **04.08.03.01 - Catheters** |
|  |
| **04.08.03.02 - Coil detachment device** |
|  |
| **04.08.03.03 - Guidewire** |
|  |
| **04.08.03.04 - Vascular embolisation balloon** |
|  |
| **04.08.04 - Intrasaccular flow diverter** |
|  |
| **04.09 - Intracranial Pressure (ICP) Monitoring** |
| **04.09.01 - Transducer** |
| **Catheter** |
| **Skull Bolt** |
| **04.09.02 - Catheter with Transducer** |
| **04.10 - Cerebrospinal Fluid (CSF) Diversion** |
| **04.10.01 - External Ventricular Drain** |
|  |
| **Antibiotics** |
| **04.10.02 - External Lumbar Drainage** |
|  |

**SUFFIXES AND DEFINITIONS FOR NEUROSURGICAL**

**Adaptive Stimulation** Senses patient body position and adjusts stimulation accordingly

**Antibiotic** Contains or is covered with an antibiotic to prevent infection

**Antimicrobial** Substance that kills or inhibits the growth of micro-organisms

**Antisyphon function** Prevents unwanted drainage or transfer of a liquid

**Biological** Includes tissue derived from humans and or animals

**Coating** Includes a coating that minimises the likelihood of adhesions

**Complex** Composed of many interconnected parts

**Current steering** The lead has the capacity to shape the stimulation current in one particular direction rather than in all directions

**Deep Discharge Battery** Allows frequent discharge to zero volts without causing early battery failure

**Dual Channel** A system with the ability to simultaneously deliver two different levels of stimulation

**Fixed Flow Rate** The drug delivery flow rate is fixed at manufacture and is non-adjustable

**Multi waveform** Capable of providing both tonic and burst stimulation

**Recharge protection** The device features technology that prevents the battery from “dying” if the charge is frequently depleted

**Variable Flow Rate** The drug delivery flow rate is able to be adjusted dependent on clinician preferences and patient needs