

Radiology – Scope of Practice

Clinical Institute: No Clinical Institute

Procedure Name	Tier
Breast interventions: needle localisation, needle biopsy and/or cyst aspiration, abscess drainage, ductography	Tier A
Computed tomography (CT) of the head, neck, spine, body, extremities, and major joints, including the shoulder, knee, ankle etc arterial and venous system of the whole body including head and neck and central nervous system.	Tier A
Consulting	Tier A
CT-guided intervention: CT guided biopsy and drainage procedures of all regions.	Tier A
Diagnostic and /or screening mammography	Tier A
Diagnostic venography of all body systems including insertion of PICC, jugular and brachial venous access lines.	Tier A
Image guided musculoskeletal and joint procedures including arthrography, nerve root and facet joint therapeutic drug injection	Tier A
Interpretation of preliminary diagnostic studies of the brain, spinal cord and peripheral nervous system.	Tier A
Magnetic resonance imaging (MRI) of the head, neck, spine, body, extremities, and major joints, including the shoulder, knee, ankle etc arterial and venous system of the whole body including head and neck and central nervous system	Tier A
Obstetric and Gynaecological ultrasound: general diagnostic and intra-cavity ultrasound; ultrasound of the obstetrical patient and her foetus; the female pelvis.	Tier A
Routine Imaging (eg. Interpretation of plain films, lumbar puncture & myelography/discography, fluoroscopy, chest/abdomen, pelvis/gastrointestinal & genitourinary diagnostic & therapeutic procedures, musculoskeletal imaging)	Tier A
Ultrasound guided intervention: ultrasound guided biopsy and drainage procedures	Tier A
Ultrasound imaging: abdomen and pelvis, thyroid; the chest, the scrotum; arterial and venous doppler exams; trans cranial Doppler exams, intracranial US, all paediatric US including central nervous system ultrasound	Tier A
Use and administration of analgesics, antibiotics, anticoagulative agents, local anaesthetic agents, and other drugs commonly used in interventional radiology procedures, short-term and long-term post-procedure follow-up care.	Tier A
Angioplasty and/or stenting of the aortic arch branches and/or the cervical arteries for the treatment of chronic cerebral hypo-perfusion or the prevention of stroke.	Tier B
Angioplasty and/or stenting of the cerebral venous system for the treatment of cerebral venous hypertension.	Tier B
Angioplasty, atherectomy , peripheral, central and visceral arteries with or without stents and stentgrafts including infusion of vasoactive substances, excluding coronary angioplasty	Tier B
Arterial and Venous catheter directed thrombolysis including dialysis shunt thrombolysis	Tier B
Balloon test occlusion of intracranial and extra cranial cerebral vessels and functional testing including WADA.	Tier B
CT coronary angiogram analysis	Tier B
Diagnostic Angiography and Venography of all body systems including venous sampling but excluding coronary angiography. Placement of vascular access closure devices.	Tier B
Diagnostic Angiography and Venography of the brain, neck and spine including venous sampling .	Tier B
Diagnostic Angiography of all body systems excluding coronary angiography	Tier B

Interventional neuroradiological management of acute stroke, including mechanical thrombectomy and intra-arterial thrombolysis, with or without intra and extra cranial angioplasty and/or stenting.	Tier B
Intracranial use of amorphous vascular occluding agents, Histoacryl glue & derivatives, EVOA agents ONYX, SQUID & similar agents, PVA particles, sclerosing agents inc alcohol via transarterial, transvenous or percutaneous delivery	Tier B
MR guided intervention (all regions)	Tier B
Nuclear Medicine	Tier B
Operation of medical lasers for treatment of arterial occlusion and for ablation of varicose veins	Tier B
Patient assessment, treatment planning & management related to interventional neuroradiology inc invasive monitoring & intensive care Mx, admission, inpatient care & discharge; inc prescribing of medication & other therapies	Tier B
Percutaneous ablation using thermal (radiofrequency, microwave, cryotherapy) or non-thermal methods (ethanol, Irreversible electroporation)	Tier B
Percutaneous biliary and hepatic diagnostic and interventional procedures including TIPS and Portal Vein embolisation	Tier B
Percutaneous interventional renal procedures including nephrostomy, stone extraction, tube change and ureteric stent insertion	Tier B
Percutaneous sclerotherapy for head and neck vascular/lymphatic malformations	Tier B
Peripheral Vascular Malformation intervention – Paediatric and Adult	Tier B
Placement and removal of vena cava filter	Tier B
Placement of catheters and implanted ports for prolonged venous access including temporary dialysis catheters. Management of thrombosed or occluded venous access catheters and ports including stripping of thrombus.	Tier B
Preparation for and placement of catheters for liver embolisation with bland and chemotherapeutic embolic systems	Tier B
Pre-procedure evaluations of neurologic disease (eg. Intracranial cerebral aneurysm, acute stroke, cerebral AVMs, carotid cavernous sinus fistulas, head, neck, & spinal cord vascular lesions & other complex cerebrovascular diseases)	Tier B
Procedures related to complications of subarachnoid haemorrhage including vasoactive infusion and intracranial angioplasty for cerebral artery spasm.	Tier B
Procedures related to endovascular treatment of intracranial aneurysms and vascular malformations including the use of coils +/-stents	Tier B
Radio-isotope embolisation (SIRT) of the liver	Tier B
Right heart catheterisation and pulmonary angiography including bronchial artery embolisation	Tier B
Selective micro catheter chemotherapy for cerebral and head and neck tumors e.g. Retinoblastoma.	Tier B
Translumbar access of the IVC and or aorta	Tier B
Use of angiographic devices and materials including all types of embolic and occlusive agents	Tier B
Vertebroplasty and /or kyphoplasty including injection of materials for bone stabilisation in malignancy.	Tier B
Irreversible electroporation - Nanoknife	Tier C