

Snapshot of National IR Workload

01/04/2017-
31/3/2018

01/04/2018-
31/03/2019

01/4/2019-
31/03/2020

01/4/2020-
31/03/2021

01/04/2021-
31/03/2022

Name of procedure	Suggested Procedure Code	Number of Procedures	Number of Procedures	Number of Procedures	Number of Procedures	Number of Procedures
US Guided drainage abdomen	UABDOD	34	45	26	29	41
US Guided drainage thorax	UCHESD	6	<5*	5	<5*	0
US Guided drainage	UDRAID	189	175	173	150	156
US guided insertion drain	UDRAII	0	<5*	<5*	5	<5*
US Guided drain removal	UDRRAX	0	0	<5*	<5*	0
US Guided drainage neck	UNECKD	0	<5*	0	0	<5*
US Guided drainage ovarian cyst	UOVCYD	0	<5*	0	0	0
US Guided drainage pancreas	UPANCD	0	0	0	0	<5*
US Guided drainage pelvis	UPELVD	<5*	<5*	<5*	<5*	<5*
US Guided renal cyst drainage Both	URCYBD	<5*	0	0	0	0
US Guided renal cyst drainage Lt	URCYLD	0	0	0	0	0
US Guided renal cyst drainage Rt	URCYRD	0	0	0	0	0
US Guided drainage thyroid	UTHYDD	0	0	0	0	0
US Guided transvaginal drainage pelvis	UTVPED	0	0	0	0	0
US Guided biopsy abdomen	UABDOB	<5*	7	8	13	8
US Guided core biopsy axilla Both	UAXIBB	<5*	<5*	<5*	7	<5*
US Guided biopsy buttock Lt	UBUTLB	<5*	0	0	0	0
US Guided biopsy buttock Rt	UBUTRB	<5*	<5*	<5*	<5*	0
US Guided biopsy chest	UCHESB	5	<5*	6	<5*	<5*
US Guided FNA biopsy groin Left	UGROLN	15	13	10	8	14
US Guided FNA biopsy groin Right	UGRORN	9	13	10	16	18
US Guided biopsy kidney Both	UKIDBB	0	<5*	0	0	0
US Guided biopsy kidney Lt	UKIDLB	<5*	<5*	0	0	<5*
US Guided biopsy kidney Rt	UKIDRB	<5*	<5*	<5*	<5*	0
US Guided biopsy liver	ULIVEB	167	139	129	61	62
US Guided biopsy lung	ULUNGB	<5*	<5*	<5*	<5*	<5*
US Guided biopsy lymph node	ULYMNB	0	<5*	<5*	<5*	<5*

US Guided biopsy neck	UNECKB	69	139	159	100	118
US Guided biopsy pancreas	UPANCB	<5*	<5*	0	0	0
US Guided biopsy pelvis	UPELVB	<5*	5	5	6	<5*
US Guided biopsy spleen	USPLEB	0	0	<5*	0	0
US Guided biopsy thyroid	UTHYDB	<5*	<5*	<5*	0	<5*
US Guided biopsy transplanted kidney	UTRKIB	0	0	0	0	0
US Guided biopsy transplanted liver	UTRLIB	0	0	0	0	0
US Guided biopsy prostate transrectal	UTRPTB	0	0	0	0	0
US Guided FNA and core biopsy axilla Lt	UXAALB	<5*	0	0	0	0
Mobile image intensifier angiogram	FANGIM	<5*	<5*	<5*	0	<5*
Parathyroid angiogram	FAPTH	0	0	0	0	0
Operative cholangiogram	FPOCHM	<5*	6	18	12	21
Percutaneous transhepatic cholangiogram	FPTCH	25	29	31	21	46
Thrombolysis check angiogram	FTHRC	0	0	0	0	0
T-tube cholangiogram	FTTCH	6	<5*	7	5	11
Angio aortic arch and carotid	FAAC	0	0	0	0	0
Angio abdominal aorta	FAABA	43	47	43	20	36
Angio adrenal artery both	FAADB	0	0	0	<5*	0
Angio adrenal artery left	FAADL	0	0	0	0	0
Angio adrenal artery right	FAADR	0	0	0	0	0
Angio arch aortogram	FAAGM	121	174	118	165	173
Angio abdominal vessel with CO2 contrast	FABDG	0	0	0	0	0
Angio brachial both	FABRB	0	0	0	0	0
Angio brachial Lt	FABRL	0	0	0	0	0
Angio bronchial	FABRN	0	0	0	<5*	0
Angio brachial Rt	FABRR	0	<5*	0	0	0
Angio carotid both	FACAB	0	0	<5*	0	0
Angio carotid Lt	FACAL	0	0	0	0	0
Angio carotid Rt	FACAR	0	0	0	0	0
Angio common carotid both	FACCB	0	0	0	0	0
Angio common iliac artery Both	FACIB	0	0	37	52	29
Angio common iliac artery Left	FACIL	0	0	<5*	10	6

Angio common iliac artery Right	FACIR	0	<5*	39	24	15
Angio coeliac	FACOE	<5*	0	<5*	0	0
Angio external iliac artery Both	FAEIB	0	0	0	0	0
Angio external iliac artery Left	FAEIL	0	<5*	<5*	<5*	5
Angio external iliac artery Right	FAEIR	0	0	<5*	<5*	7
Angio antegrade femoral Lt	FAFEL	<5*	18	68	47	93
Angio antegrade femoral Rt	FAFER	5	24	66	49	108
Angio coeliac SMA hepatic and IMA	FAGUT	0	0	<5*	0	0
Angio hepatic	FAHEP	0	<5*	<5*	<5*	<5*
Angio internal carotid both	FAICB	0	0	0	0	0
Angio internal carotid Lt	FAICL	0	0	0	0	0
Angio internal carotid Rt	FAICR	0	0	0	0	0
Angio internal iliac artery Both	FAIIB	<5*	0	0	0	0
Angio inferior mesenteric artery	FAIMA	0	0	0	0	0
Angio internal mammary artery Both	FAIMB	0	0	0	0	0
Angio internal mammary artery Left	FAIML	0	0	0	0	0
Angio internal mammary artery Right	FAIMR	0	0	0	0	<5*
Angio lower limbs Both	FALLB	26	19	9	12	23
Angio lower limbs Left	FALLL	88	49	0	<5*	<5*
Angio lower limbs Right	FALLR	89	34	<5*	<5*	0
Angiography hepatic transplant	FALVT	0	0	0	0	0
Angio mesenteric arteries	FAMES	<5*	<5*	<5*	0	0
Angiography penile artery	FANPA	0	0	0	0	0
Angio aortofemoral lower limb Both	FAOFB	0	17	0	0	0
Angio ovarian	FAOVA	0	0	0	0	0
Angio pancreatic	FAPAN	0	0	0	0	0
Angio pelvic	FAPEV	0	0	0	0	0
Angio pulmonary	FAPUG	0	0	0	0	0
Angio pulmonary with pressures	FAPUP	0	<5*	0	0	0
Angio renal artery Both	FAREB	0	0	0	0	0
Angio renal artery Left	FAREL	0	<5*	<5*	<5*	0
Angio renal	FAREN	0	0	0	0	0
Angio renal artery Right	FARER	0	0	<5*	0	0
Angio renal transplant	FARTK	0	0	0	0	0

Angio subclavian Both	FASCB	0	0	0	0	0
Angio subclavian Lt	FASCL	<5*	0	<5*	<5*	0
Angio subclavian Rt	FASCR	0	0	0	0	0
Angio splenic	FASLN	0	0	0	0	<5*
Angio superior mesenteric artery	FASMA	0	0	0	0	0
Angio spinal	FASPN	0	0	0	0	0
Angioplasty aortofemoral	IAAFMP	0	0	0	0	0
Angioplasty common carotid Both	IACCBP	0	0	0	0	0
Angioplasty common carotid Lt	IACCLP	0	0	<5*	0	0
Angioplasty common carotid Rt	IACCRP	0	0	0	0	0
Pc balloon angioplasty cerebral artery	IACEGP	<5*	0	0	0	0
Angioplasty inferior mesenteric artery	IAIMAP	0	0	0	0	0
Angioplasty infrapopliteal Both	IAIPBP	0	0	0	0	0
Angioplasty infrapopliteal Lt	IAIPLP	0	0	0	<5*	0
Angioplasty infrapopliteal Rt	IAIPRP	0	0	0	0	0
Angioplasty peroneal Both	IANPBP	0	0	0	0	0
Angioplasty peroneal Left	IANPLP	0	<5*	11	6	20
Angioplasty peroneal Right	IANPRP	0	<5*	10	<5*	18
Angioplasty tibial Both	IANTBP	0	0	0	0	0
Angioplasty tibial Left	IANTLP	0	0	<5*	<5*	<5*
Angioplasty tibial Right	IANTRP	0	<5*	<5*	<5*	<5*
Angioplasty aorta	IAORAP	0	0	0	0	0
Angioplasty profunda femoris Both	IAPFBP	0	0	0	0	0
Angioplasty profunda femoris Lt	IAPFLP	0	0	<5*	0	<5*
Angioplasty profunda femoris Rt	IAPFRP	0	0	0	0	<5*
Angioplasty popliteal Rt	IAPORP	0	9	29	15	22
Angioplasty renal Both	IAREBP	0	0	0	0	0
Angioplasty renal Lt	IARELP	0	0	0	0	0
Angioplasty renal Rt	IARERP	0	0	0	0	0
Angioplasty subclavian Both	IASCBP	0	0	0	0	0
Angioplasty subclavian Lt	IASCLP	<5*	0	<5*	<5*	<5*
Angioplasty subclavian Rt	IASCRP	0	0	<5*	0	0
Angioplasty superficial femoral Both	IASFBP	15	9	0	0	<5*
Angioplasty superficial femoral Lt	IASFLP	32	65	42	31	51

Angioplasty superficial femoral Rt	IASFRP	152	110	37	28	46
Angioplasty vein graft	IAVGTP	0	0	<5*	0	0
Pc angioplasty vertebral artery Both	IAVTBP	0	0	0	0	0
Pc angioplasty vertebral artery Lt	IAVTLP	0	0	0	0	0
Pc angioplasty vertebral artery Rt	IAVTRP	0	0	0	0	0
Angioplasty external carotid Both	IAXCBP	0	0	0	0	0
Angioplasty external carotid Lt	IAXCLP	0	0	0	0	0
Angioplasty external carotid Rt	IAXCRP	0	0	0	0	0
Fluoro guided Pc balloon angioplasty	IBALAP	0	0	0	0	<5*
Pc chemical angioplasty cerebral artery	ICEACP	0	0	0	0	0
Pc angioplasty cerebral venous sinus	ICEVSP	0	0	0	0	0
Angioplasty penile artery	IPENAP	0	0	0	0	0
Pc angioplasty internal carotid artery L	IPICLP	0	0	0	0	0
Pc angioplasty internal carotid artery R	IPICRP	0	0	0	0	0
Pc angioplasty superior vena cava	ISVCAP	0	0	<5*	0	0
Arterial stent thoracic aorta	FATHAS	0	0	0	0	0
Fluoroscopic guided stent insertion	FSTENS	<5*	<5*	<5*	<5*	<5*
Stent graft abdominal aorta	IAASGS	32	31	0	<5*	0
Pc stent brachial artery Both	IABRBS	0	0	0	0	0
Pc stent brachiocephalic artery	IABRCS	0	0	0	0	0
Pc stent brachial artery Left	IABRLS	0	0	0	0	0
Pc stent brachial artery Right	IABRRS	0	0	0	0	0
Arterial stent carotid Both	IACABS	0	0	0	0	0
Arterial stent carotid Lt	IACALS	0	0	0	0	0
Arterial stent carotid Rt	IACARS	0	0	0	0	0
Pc stent common carotid artery B	IACCBS	0	0	0	0	0
Pc stent common carotid artery Lt	IACCLS	0	0	0	0	0
Pc stent common carotid artery Rt	IACCRS	0	0	0	0	0
Pc stent common femoral artery Both	IACFBS	0	0	0	0	0
Pc stent common femoral artery Left	IACFLS	0	0	<5*	0	0
Pc stent common femoral artery Right	IACFRS	0	<5*	0	0	0
Pc stent common iliac artery Both	IACIBS	<5*	<5*	<5*	0	0
Pc stent common iliac artery Left	IACILS	<5*	7	<5*	8	14
Pc stent common iliac artery Right	IACIRS	6	<5*	<5*	8	5

Arterial stent coeliac	IACOES	0	0	0	0	0
Arterial stent femoral Both	IAFEBS	0	0	0	0	0
Arterial stent femoral Lt	IAFELS	0	0	0	0	0
Arterial stent femoral Rt	IAFERS	0	0	<5*	0	0
Pc stent of graft	IAGFTS	0	0	0	0	0
Pc stent hepatic artery	IAHEPS	0	0	<5*	0	0
Pc stent internal carotid artery Lt	IAICLS	0	0	0	0	0
Pc stent internal carotid artery Rt	IAICRS	0	0	0	0	0
Pc stent internal iliac artery Both	IAIIBS	0	0	0	0	0
Pc stent internal iliac artery Left	IAIILS	0	<5*	0	0	<5*
Pc stent internal iliac artery Right	IAIIRS	0	0	0	0	<5*
Pc stent inferior mesenteric artery	IAIMAS	0	0	0	0	0
Pc stent profunda femoris artery Both	IAPFBS	0	0	0	0	0
Pc stent profunda femoris artery Left	IAPFLS	0	0	0	0	0
Pc stent profunda femoris artery Right	IAPFRS	0	0	0	0	0
Pc stent popliteal artery Both	IAPOBS	0	0	0	0	0
Pc stent popliteal artery Left	IAPOLS	5	<5*	<5*	5	<5*
Pc stent popliteal artery Right	IAPORS	<5*	<5*	0	<5*	<5*
Pc stent pulmonary artery B	IAPUBS	0	0	0	0	0
Pc stent pulmonary artery Lt	IAPULS	0	0	0	0	0
Pc stent pulmonary artery Rt	IAPURS	0	0	0	0	0
Pc stent radial artery Both	IARABS	0	0	0	0	0
Pc stent radial artery Left	IARALS	0	0	0	0	0
Pc stent radial artery Right	IARARS	0	0	0	0	0
Pc stent renal artery Both	IAREBS	0	0	0	0	0
Pc stent renal artery Left	IARELS	0	<5*	0	0	0
Pc stent renal artery Right	IARERS	0	0	0	0	0
Pc stent transplant renal artery Left	IARTLS	0	0	0	0	0
Pc stent transplant renal artery Right	IARTRS	0	0	0	0	0
Pc stent subclavian artery Both	IASCBS	0	0	0	0	0
Pc stent subclavian artery Left	IASCLS	0	0	<5*	<5*	0
Pc stent subclavian artery Right	IASCRS	0	0	0	0	0
Pc stent superficial femoral artery Both	IASFBS	0	0	0	<5*	<5*
Pc stent superficial femoral artery Left	IASFLS	<5*	<5*	<5*	5	5

Pc stent superficial femoral artery Rt	IASFRS	<5*	<5*	0	<5*	<5*
Arterial stent iliac Both	IASIBS	0	0	<5*	0	0
Arterial stent iliac Lt	IASILS	0	0	<5*	0	0
Arterial stent iliac Rt	IASIRS	<5*	0	0	0	0
Pc stent superior mesenteric artery	IASMAS	0	0	0	0	0
Pc stent splenic artery	IASPLS	0	0	0	0	0
Pc stent thoracic aorta	IATAOS	0	0	0	0	0
Pc stent tibial artery Both	IATIBS	0	0	0	0	0
Pc stent tibial artery Left	IATILS	0	0	<5*	<5*	0
Pc stent tibial artery Right	IATIRS	0	0	0	0	0
Pc stent ulnar artery Both	IAUNBS	0	0	0	0	0
Pc stent ulnar artery Left	IAUNLS	0	0	0	0	0
Pc stent ulnar artery Right	IAUNRS	0	0	0	0	0
Pc stent external carotid artery B	IAXCBS	0	0	0	0	0
Pc stent external carotid artery Lt	IAXCLS	0	0	0	0	0
Pc stent external carotid artery Rt	IAXCRS	0	0	0	0	0
Pc stent external iliac artery Both	IAXIBS	0	0	0	0	0
Pc stent external iliac artery Left	IAXILS	<5*	<5*	<5*	<5*	<5*
Pc stent external iliac artery Right	IAXIRS	<5*	<5*	<5*	<5*	8
CT Guided ablation	CABLTA	<5*	0	0	0	0
CT Microwave Pc ablation lesion lung B	CLELBA	0	0	0	0	0
CT Microwave Pc ablation lesion liver	CLELIA	0	0	0	0	0
CT Microwave Pc ablation lesion lung Lt	CLELLA	0	0	0	0	0
CT Microwave Pc ablation lesion lung Rt	CLELRA	0	0	0	0	0
CT Liver lesion ablation	CLMAAA	0	0	0	0	0
CT Guided RF ablation lung	CRFLU	0	0	0	0	0
CT Guided RF ablation kidney Lt	CRRFLA	0	0	0	0	0
CT Guided RF ablation kidney Rt	CRRFRA	<5*	0	0	0	0
Fluoro Guid RF ablation lesion liver	ILELIA	0	0	0	0	0
Fluoro guided radiofrequency ablation	IRFRAA	0	0	0	0	0
US Guided ablation	UABLTA	0	0	0	0	0
US Guided radiofrequency ablation	URAFGA	0	0	0	0	0
US Guided RF ablation liver	URLIVA	0	0	0	0	0
Fluoroscopic guided aneurysm wiring	IANEWI	0	0	0	0	0

Pc Balln Ass coil Emb cerebral Aneurysm	ICEAAE	0	0	0	0	0
Pc coil Emb cerebral aneurysm	ICEACE	0	0	0	0	0
Pc stent Ass coil Emb cerebral aneurysm	ICEANE	0	0	0	0	0
Pc stent cerebral aneurysm	ICEANS	0	0	0	0	0
Pc Emb cerebral aneurysm Fluoro Guid	ICRANE	0	0	0	0	0
Endovascular repair Abdo aortic aneurysm	IEAAA	0	5	28	17	30
Pc flow diverter Emb cerebral aneurysm	IFLDVE	0	0	0	0	0
Revision Pc coil Emb cerebral aneurysm	IRCEAE	0	0	0	0	0
Pc Emb spinal artery aneurysm	ISPAAE	0	0	0	0	0
Pc Emb vein galen aneurysm malformation	IVGAME	0	0	0	0	0
Embolisation aortic arch	IAAPSE	0	0	0	0	0
Pc embolisation hepatic artery branches	IABHEE	0	<5*	0	0	0
Pc embolisation bronchial artery Both	IABNBE	0	0	0	0	0
Pc embolisation bronchial artery Left	IABNLE	0	0	0	<5*	0
Pc embolisation bronchial artery Right	IABNRE	0	0	0	<5*	0
Pc embolisation brachial artery B	IABRBE	0	0	0	0	0
Pc embolisation brachiocephalic artery	IABRCE	0	0	0	0	0
Pc embolisation brachial artery Lt	IABRLE	<5*	0	0	0	0
Embolisation bronchial artery	IABROE	0	0	0	0	0
Pc embolisation brachial artery Rt	IABRRE	0	0	0	0	0
Pc embolisation common carotid A B	IACCBE	0	0	0	0	0
Pc embolisation common carotid A Lt	IACCLE	0	0	0	0	0
Pc embolisation common carotid A Rt	IACCRE	0	0	0	0	0
Pc embolisation common femoral A B	IACFBE	0	0	0	0	0
Pc embolisation common femoral A Lt	IACFLE	0	0	0	0	0
Pc embolisation common femoral A Rt	IACFRE	0	0	0	0	0
Percutaneous arterial chemo-embolisation	IACHEE	0	0	0	0	0
Pc embolisation common iliac A B	IACIBE	0	0	0	0	0
Pc embolisation common iliac A Lt	IACILE	0	0	<5*	<5*	<5*
Pc embolisation common iliac A Rt	IACIRE	0	0	0	<5*	<5*

Embolisation coeliac artery	IACOOE	0	0	0	0	<5*
Pc embolisation dialysis fistula	IADFIE	0	0	0	0	0
Pc embolisation gastric artery B	IAGABE	0	0	0	0	0
Pc embolisation gastric artery Lt	IAGALE	0	0	<5*	0	0
Pc embolisation gastric artery Rt	IAGARE	0	0	0	0	0
Pc embolisation gastro-duodenal artery	IAGDUE	<5*	<5*	<5*	0	0
Pc embolisation graft	IAGFTE	0	0	0	0	0
Pc embolisation gonadal artery Both	IAGOBE	0	0	0	0	0
Pc embolisation gonadal artery Left	IAGOLE	0	0	0	0	0
Pc embolisation gonadal artery Right	IAGORE	0	0	0	0	0
Pc embolisation hepatic artery Lt	IAHELE	0	0	0	<5*	0
Embolisation hepatic artery	IAHEPE	<5*	0	0	0	0
Pc embolisation hepatic artery Rt	IAHERE	0	0	<5*	<5*	0
Pc embolisation Int carotid artery B	IAICBE	0	0	0	0	0
Pc embolisation Int carotid artery Lt	IAICLE	0	0	0	0	0
Pc embolisation intercostal artery	IAICOE	0	0	0	0	0
Pc embolisation Int carotid artery Rt	IAICRE	0	0	0	0	0
Pc embolisation internal iliac A B	IAIIBE	0	0	0	0	0
Pc embolisation internal iliac A Lt	IAIILE	<5*	<5*	<5*	<5*	<5*
Pc embolisation internal iliac A Rt	IAIIRE	0	<5*	<5*	<5*	<5*
Pc embolisation IMA	IAIMAE	0	0	0	0	0
Pc embolisation lumbar artery	IALUME	0	0	<5*	0	0
Pc embolisation penile artery	IAPENE	0	0	0	0	0
Pc embolisation popliteal artery Both	IAPOBE	0	0	0	0	0
Pc embolisation popliteal artery Left	IAPOLE	0	0	0	0	0
Pc embolisation popliteal artery Right	IAPORE	0	0	0	0	<5*
Pc embolisation parathyroid artery	IAPTHE	0	0	0	0	0
Pc embolisation pulmonary artery Both	IAPUBE	0	0	0	0	0
Pc embolisation pulmonary artery Left	IAPULE	0	0	0	0	0
Pc embolisation pulmonary artery Right	IAPURE	0	0	0	0	0
Pc embolisation radial artery Both	IARABE	0	0	0	0	0
Pc embolisation radial artery Left	IARALE	0	0	0	0	0
Pc embolisation radial artery Right	IARARE	0	0	0	0	0
Pc embolisation renal artery Both	IAREBE	0	0	0	0	0

Pc embolisation renal artery Lt	IARELE	0	<5*	<5*	<5*	<5*
Pc embolisation renal artery Rt	IARERE	<5*	0	<5*	<5*	0
Pc embolisation subclavian artery B	IASCBE	0	<5*	0	0	0
Pc embolisation subclavian artery Lt	IASCLE	0	0	0	0	0
Pc embolisation subclavian artery Rt	IASCRE	0	0	0	0	0
Pc embolisation SMA	IASMAE	<5*	0	<5*	0	<5*
Pc embolisation splenic artery	IASPLE	<5*	0	<5*	0	0
Pc embolisation tibial artery Both	IATIBE	0	0	0	0	0
Pc embolisation tibial artery Left	IATILE	0	0	0	0	0
Pc embolisation tibial artery Right	IATIRE	0	0	0	0	0
Pc embolisation ulnar artery Both	IAUNBE	0	0	0	0	0
Pc embolisation ulnar artery Left	IAUNLE	0	0	0	0	0
Pc embolisation ulnar artery Right	IAUNRE	0	0	0	0	0
Pc embolisation uterine artery Both	IAUTBE	0	0	0	0	0
Pc embolisation uterine artery Left	IAUTLE	0	0	0	0	0
Pc embolisation uterine artery Right	IAUTRE	0	0	0	0	0
Embolisation arteriovenous malformation	IAVEME	0	0	0	0	0
Pc embolisation Ext carotid artery B	IAXCBE	0	0	0	0	0
Pc embolisation Ext carotid artery Lt	IAXCLE	0	0	0	0	0
Pc embolisation Ext carotid artery Rt	IAXCRE	0	0	0	0	0
Pc embolisation external iliac A B	IAXIBE	0	0	0	0	0
Pc embolisation external iliac A Lt	IAXILE	0	0	0	0	0
Pc embolisation external iliac A Rt	IAXIRE	0	0	0	<5*	0
Pc embolisation cerebral neoplasm	IBRNEE	0	0	0	0	0
Pc Polymer embolisation cerebral artery	ICEAPE	0	0	0	0	0
Pc embolisation cerebral dural fistula	ICEDFE	0	0	0	0	0
Pc embolisation cervical neoplasm	ICENEE	0	0	0	0	0
Pc embolisation common hepatic artery	ICHEPE	0	0	0	0	0
Fluoro guided embolisation chest tumour	ICHSTE	0	0	0	0	0
Fluoroscopic guided embolisation	IEMBOE	0	0	0	0	0
Embolisation facial artery	IFAARE	0	0	0	0	0
Embolisation mesenteric artery	IMESAE	0	0	0	0	0
Fluoro guided Pc coil embolisation	IPTCOE	0	0	0	0	0

Pc embolisation skull base neoplasm	ISKBNE	0	0	0	0	0
Pc embolisation spinal DAVF	ISPDAE	0	0	0	0	0
Pc embolisation spinal tumour	ISPTUE	0	0	0	0	0
Thoracic duct embolisation	ITHODE	0	0	0	0	0
TIPSS Embolisation	ITIPSE	0	0	0	0	0
Embolisation of uterine fibroid	IUTFDE	0	0	0	0	0
Fluoro guided uterine vein embolisation	IUTVEE	0	0	0	0	0
Pc embolisation axillary vein Both	IVAXBE	0	0	0	0	0
Pc embolisation axillary vein Left	IVAXLE	0	0	0	0	0
Pc embolisation axillary vein Right	IVAXRE	0	0	0	0	<5*
Pc embolisation basilic vein Both	IVBABE	0	0	0	0	0
Pc embolisation basilic vein Left	IVBALE	0	0	0	0	0
Pc embolisation basilic vein Right	IVBARE	0	0	0	0	0
Pc embolisation brachial vein Both	IVBRBE	0	0	0	0	0
Pc embolisation brachial vein Left	IVBRLE	0	0	0	0	0
Pc embolisation brachial vein Right	IVBRRE	0	0	0	0	0
Pc embolisation cephalic vein Both	IVCEBE	0	0	0	0	0
Pc embolisation cephalic vein Left	IVCELE	0	0	0	0	0
Pc embolisation cephalic vein Right	IVCERE	0	0	0	0	0
Pc embolisation common femoral vein B	IVCFBE	0	0	0	0	0
Pc embolisation common femoral vein Lt	IVCFLE	0	0	0	0	0
Pc embolisation common femoral vein Rt	IVCFRE	0	0	0	0	0
Pc venous embolisation direct puncture	IVDPUE	0	0	0	0	0
Pc embolisation forearm vein Both	IVFABE	0	0	0	0	0
Pc embolisation forearm vein Left	IVFALE	0	0	0	0	0
Pc embolisation forearm vein Right	IVFARE	0	0	0	0	0
Pc embolisation hepatic vein	IVHEPE	0	0	0	0	0
Pc embolisation iliac vein Both	IVILBE	0	0	0	0	0
Pc embolisation iliac vein Left	IVILLE	0	0	0	0	0
Pc embolisation iliac vein Right	IVILRE	0	0	0	0	0
Pc embolisation mesenteric vein	IVMESE	0	0	0	0	0
Pc embolisation ovarian vein Both	IVOEBE	0	0	0	0	0
Embolisation of ovarian vein	IVOVAE	0	0	0	0	0
Pc embolisation ovarian vein Left	IVOVLE	0	0	0	0	0

Pc embolisation ovarian vein Right	IVOVRE	0	0	0	0	0
Pc embolisation popliteal vein Both	IVPOBE	0	0	0	0	0
Pc embolisation popliteal vein Left	IVPOLE	0	0	0	0	0
Pc embolisation popliteal vein Right	IVPORE	0	0	0	0	0
Pc embolisation portal vein	IVPOTE	0	0	0	0	0
Pc embolisation renal vein Both	IVREBE	0	0	0	0	0
Pc embolisation renal vein Left	IVRELE	0	0	0	0	0
Pc embolisation renal vein Right	IVRERE	0	0	0	0	0
Pc embolisation subclavian vein Both	IVSCBE	0	0	0	0	0
Pc embolisation subclavian vein Left	IVSCLE	0	0	0	0	0
Pc embolisation subclavian vein Right	IVSCRE	0	0	0	0	0
Pc Emb Superficial femoral vein Both	IVSFBE	0	0	0	0	0
Pc Emb Superficial femoral vein Left	IVSFLE	0	0	0	0	0
Pc Emb Superficial femoral vein Right	IVSFRE	0	0	0	0	0
Pc embolisation testicular vein Both	IVTEBE	0	0	0	0	0
Pc embolisation testicular vein Left	IVTELE	0	0	0	0	<5*
Pc embolisation testicular vein Right	IVTERE	0	0	0	0	0
Embolisation of testicular vein	IVTESE	0	0	5	<5*	10
US Guided embolisation	UEMBOE	0	0	0	0	0
Thrombolysis check angiogram	FTHRC	0	0	0	0	0
Central catheter line thrombolysis	FVCATJ	0	0	0	0	0
Thrombolysis aortofemoral	IAATTJ	0	0	0	<5*	0
Pc thrombolysis dialysis fistula	IADFIJ	<5*	<5*	0	0	0
Pc thrombolysis mesenteric artery	IAMESJ	0	0	0	0	0
Pc thrombolysis pulmonary artery B	IAPUBJ	0	0	0	0	0
Pc thrombolysis pulmonary artery Lt	IAPULJ	0	0	0	0	0
Pc thrombolysis pulmonary artery Rt	IAPURJ	0	0	0	0	0
Pc thrombolysis renal artery Both	IAREBJ	0	0	0	0	0
Pc thrombolysis renal artery Left	IARELJ	0	0	0	0	0
Pc thrombolysis renal artery Right	IARERJ	0	0	0	0	0
Pc thrombolysis transplant renal A Lt	IARTLJ	0	0	0	0	0
Pc thrombolysis transplant renal A Rt	IARTRJ	0	0	0	0	0
Pc thrombolysis graft upper limb Both	IGULBJ	0	0	0	0	0
Pc thrombolysis graft upper limb Left	IGULLJ	0	0	0	0	0

Pc thrombolysis graft upper limb Right	IGULRJ	0	0	0	0	0
Pc thrombolysis spinal artery	ISPARJ	0	0	0	0	0
Thrombolysis transplanted hepatic A Both	ITHABJ	0	0	0	0	0
Thrombolysis transplanted hepatic A Lt	ITHALJ	0	0	0	0	0
Thrombolysis transplanted hepatic A Rt	ITHARJ	0	0	0	0	0
Thrombolysis lower limb Both	ITLLBJ	0	0	0	0	0
Thrombolysis lower limb Lt	ITLLLJ	0	0	0	0	0
Thrombolysis lower limb Rt	ITLLRJ	0	0	0	0	0
Thrombolysis upper limb Rt	ITULRJ	0	0	0	0	0
Pc thrombolysis lower limb veins Both	IULLBJ	0	0	0	0	0
Pc thrombolysis lower limb veins Right	IULLRJ	0	0	0	0	0
Pc thrombolysis upper limb veins Both	IUULBJ	0	0	0	0	0
Pc thrombolysis upper limb veins Left	IUULLJ	0	0	0	0	0
Pc thrombolysis upper limb veins Right	IUULRJ	0	0	0	0	0
Pc transjugular liver biopsy	FJLIVB	0	0	0	0	<5*
Liver biopsy transjugular	ILITJB	<5*	<5*	0	<5*	0
Percutaneous arterial chemo-embolisation	IACHEE	0	0	0	0	0
Pc sclerotherapy venous malformation	IVEMAI	0	0	0	0	0
PTC and endoscopic biliary drainage	IECBDD	5	<5*	0	0	0
Fluoro guided removal biliary stent	IREBSX	0	0	0	0	0
CT Guided nephrostomy Lt	CNEPLD	0	0	0	0	<5*
CT Guided nephrostomy Rt	CNEPRD	0	0	0	0	0
Nephrostomy Both	INEPBD	10	9	7	16	17
Nephrostomy Lt	INEPLD	23	27	27	30	27
Nephrostomy Rt	INEPRD	29	23	17	25	31
Nephrostomy catheter exchange	INEPXG	12	<5*	11	18	15
US Guided nephrostomy Lt	UNEPLD	0	0	0	<5*	0
US Guided nephrostomy Rt	UNEPRD	0	<5*	0	0	<5*
US Guid Insert nephrostomy Transp kidney	UNTKDI	0	0	0	0	0
Nephrostomy tube removal Both	FNERBX	<5*	<5*	<5*	<5*	<5*
Nephrostomy tube removal Lt	FNERLX	8	<5*	6	5	9

Nephrostomy tube removal Rt	FNERRX	7	7	<5*	<5*	10
Insert nephrostomy transplanted kidney	INTKDI	0	0	0	0	0
Transp ureteric stent Insert Retrog Both	ITURBS	0	0	0	0	0
Transp ureteric stent Insert Retrog Lt	ITURLS	0	0	0	0	0
Transp ureteric stent Insert Retrog Rt	ITURRS	0	0	0	0	0
Ureteric stent antegrade Both	IURABS	6	<5*	<5*	8	8
Ureteric stent antegrade Lt	IURALS	13	9	11	11	17
Ureteric stent antegrade Rt	IURARS	14	10	8	7	15
Ureteric stent retrograde Both	IURRBS	<5*	<5*	<5*	0	0
Ureteric stent retrograde Lt	IURRLS	0	<5*	0	<5*	0
Ureteric stent retrograde Rt	IURRRS	0	<5*	0	<5*	0
Ureteric stent removal Lt	IURSLX	0	0		0	0
Ureteric stent removal Rt	IURSRX	0	0	0	0	0
Percutaneous nephrolithotomy	INEPYX	0	0	0	0	0
Oesophageal stent insertion	IOESSS	0	<5*	0	0	0
Oesophageal dilation	IOESDP	0	<5*	0	0	0
Radioembolisation						
Vertebroplasty	IVPLAJ	0	0	0	0	0
Insertion of central venous line	IVCATI	0	0	0	0	0
Tunnelled central venous line insertion	ITCVCI	<5*	5	5	0	0
Fistuloplasty						
Fistulogram	FFIST	<5*	<5*	0	0	0
Fenestrated aortic repair	IOAYFS	0	0	0	0	0
Branched aortic stent graft	IOABYS	0	0	0	0	0
Pc Tube stentgraft thoracic aorta	ITAOSS	0	0	0	0	0
Pc Tapered stentgraft thoracic aorta	ITAOTS	0	0	0	0	0