

Invasive Procedures



ROYAL COLLEGE of PODIATRY

Date Range: All events between 01/01/2023 and 31/12/2023

Centres: All Permitted Centres (409)

Clinicians: All Permitted Clinicians (1377)

Total number of centres: 113

Total number of episodes: 10510

Total number of treatments: 11528

Code	Name	Count	Percentage
0	Nil intervention or simple POM medication supplied/administered prior to surgery?	11	0.0653%
1	AMPUTATION GREAT TOE	36	0.2139%
1.1	amputation great toe distal phalanx only also see 31.30 for nail	16	0.0950%
1.3	trans- first metatarsal amputation /excision	21	0.1247%
2	AMPUTATION LESSER TOE (unspec)	280	1.6633%
2.1	terminal end of toe distal phalanx or part of single toe	148	0.8792%
2.3	disarticulation to metatarsal head single toe whole toe amputation	74	0.4396%
2.31	disarticulation to metatarsal head two or more toes whole toe	3	0.0178%
2.41	amputation single lesser transmetatarsal or v ray section	17	0.1010%
2.42	amputation multiple lesser transmetatarsal or V ray section one foot	16	0.0950%
2.43	amputation single lesser or V ray section transmetatarsal both feet	2	0.0119%
2.5	amputation forefoot at MCJ level single foot	3	0.0178%
2.6	amputation midfoot though tarsus leaving calcaneus	1	0.0059%
2.81	amputation part calcaneus leaving talus and foot.	4	0.0238%
3	BASAL OSTEOTOMY all BWO	4	0.0238%
3.14	dorsiflexory osteotomy at base 1st metatarsal	3	0.0178%
3.2	crescentic cut at base of first metatarsal	2	0.0119%
4	ARTHRODESIS GREAT TOE (unspec)	279	1.6574%
4.1	IPJ arthrodesis with or without tendon balance	69	0.4099%
4.2	first MTPJ arthrodesis single great toe	660	3.9206%
4.21	first MTPJ arthrodesis both great toes	5	0.0297%
5	ARTHRODESIS LESSER TOE unspecified	495	2.9405%
5.1	DIPJ lesser toe fusion single toe	110	0.6534%
5.11	DIPJ lesser toe fusion multiple toes same foot	14	0.0832%
5.12	DIPJ lesser toe fusion multiple toes both feet	1	0.0059%
5.2	PIPJ lesser toe fusion single toe	816	4.8473%
5.21	PIPJ lesser toe fusion multiple toes same foot	210	1.2475%
5.22	PIPJ lesser toe fusion multiple toes both feet	12	0.0713%
5.3	combined PIPJ/DIPJ arthrodesis single toe	43	0.2554%
5.31	combined PIPJ/DIPJ arthrodesis multiple toes same foot	15	0.0891%
5.4	ARTHRODESIS MIDFOOT 1st MCJ (Lapidus) single only	361	2.1445%
5.401	arthrodesis midfoot 1st MCJ (Lapidus) both feet	2	0.0119%
5.41	arthrodesis involving metatarsal:cuneiform 1,2,3 single joint	62	0.3683%
		16,834	100.0000%

Code	Name	Count	Percentage
5.411	arthrodesis involving metatarsal:cuneiform 1,2,3 two or more joints	29	0.1723%
5.44	arthrodesis navicular-cuneiform fusion single foot	11	0.0653%
5.45	arthrodesis hindfoot talo-navicular fusion single foot	14	0.0832%
5.46	arthrodesis calcaneo-cuboid fusion single foot	2	0.0119%
5.47	arthrodesis subtalar joint single foot	7	0.0416%
5.49	Arthrodesis TCJ (ankle mortice) single foot	3	0.0178%
5.50	Metatarso-cuboid joint arthroplasty	3	0.0178%
6	ARTHROPLASTY LESSER TOE (Unspec.)	253	1.5029%
6.1	arthroplasty excisional lesser toe single DIPJ	170	1.0099%
6.11	arthroplasty excisional lesser toe single DIPJ both feet	7	0.0416%
6.12	arthroplasty excisional lesser toe two or more DIPJ same foot	23	0.1366%
6.13	arthroplasty excisional lesser toe two or more DIPJ both feet	2	0.0119%
6.2	arthroplasty excisional lesser toe single PIPJ	488	2.8989%
6.21	arthroplasty excisional lesser toe single PIPJ both feet	13	0.0772%
6.22	arthroplasty excisional lesser toe two or more PIPJs same foot	89	0.5287%
6.23	arthroplasty excisional lesser toe two or more PIPJs both feet	1	0.0059%
6.24	arthroplasty single PIPJ and DIPJ mutiple same foot	7	0.0416%
6.4	MPJ arthroplasty base of lesser digit partial excision (Stainsby pattern)	36	0.2139%
6.41	MPJ arthroplasty single toe same foot	8	0.0475%
6.45	Phalangeal Akin (lesser digit closing wedge osteotomy)	214	1.2712%
6.5	WHOLE PHALANX EXCISION	3	0.0178%
6.51	Proximal phalanx single toe	4	0.0238%
6.601	Distal phalanx single toe	2	0.0119%
6.61	Distal phalanx single toe both feet	1	0.0059%
6.71	Int phalanx single toe	4	0.0238%
7	OSTEOTOMY FIRST METATARSAL SINGLE FOOT (Unspec.)	29	0.1723%
7.1	Chevron capital osteotomy	126	0.7485%
7.11	Chevron capital decompression (bone removed)	36	0.2139%
7.2	Scarf osteotomy midshaft with akin	1,158	6.8789%
7.21	Scarf rotational osteotomy midshaft with Akin	506	3.0058%
7.22	Scarf with no akin either accepted	57	0.3386%
7.23	Scarf transpositional no akin	167	0.9920%
7.24	Scarf rotational no akin	86	0.5109%
7.53	Reverdin-L osteotomy	27	0.1604%
7.6	BILATERAL FIRST METATARSAL OSTEOTOMIES (unspec)	1	0.0059%
7.63	Midshaft Scarf without Akin	18	0.1069%
7.64	Midshaft Scarf rotational with Akin	24	0.1426%
7.65	Midshaft Scarf rotational without Akin	32	0.1901%
7.67	Mixed foot eg MCJ fusion, other foot capital osteotomy	2	0.0119%
8	HALLUX OSTEOTOMY of proximal or distal hallux (unspec.) single foot	4	0.0238%
8.1	Hallux wedge base proximal phalanx (transverse) Akin cortex unbreached	474	2.8157%
8.11	Hallux wedge base proximal phalanx (oblique pattern) cortex unbreached	18	0.1069%
8.12	hallux wedge base proximal phalanx transverse cortex breached both feet	1	0.0059%
8.2	shortening + rotation prox. phalanx thru cut (trapezoid) abduction reduced	1	0.0059%
8.21	rotation of proximal phalanx thru cut straight pattern no shortening	1	0.0059%
		16,834	100.0000%

Code	Name	Count	Percentage
8.3	Dorsal wedge base of hallux prox.phalanx Bonney-Kessel pattern	154	0.9148%
8.31	Dorsal wedge base of hallux prox.phalanx Bonney-Kessel pattern both feet	1	0.0059%
8.41	Distal phalanx wedge osteotomy hallux breached single foot	2	0.0119%
9	CALCANEAL SPUR (unspec.)	2	0.0119%
9.11	Plantar calcaneal spur reduction open surgery reduction single	3	0.0178%
9.2	Retrocalcaneal exostectomy	53	0.3148%
10	CAPSULOTOMY LESSER MTPJ CLOSED	20	0.1188%
10.1	single lesser MTPJ	1	0.0059%
11	CAPSULOTOMY FIRST MTPJ OPEN single foot	18	0.1069%
11.1	Capsulotomy first MTPJ OPEN both feet	1	0.0059%
12	CAPSULOTOMY LESSER MTPJ OPEN	196	1.1643%
12.2	Multiple lesser MTPJ	1	0.0059%
13	LESSER METATARSAL HEAD dorsal bone exostectomy single	16	0.0950%
13.1	Lesser metatarsal head single one foot	19	0.1129%
13.2	Leser metatarsal head more than one same foot	3	0.0178%
14	CHEILECTOMY FIRST RAY (unspec) distal or proximal	344	2.0435%
14.1	cheilectomy distal and proximal MTP Valenti type	34	0.2020%
14.2	cheilectomy dorsal metataral head only	96	0.5703%
14.21	cheilectomy dorsal metataral head both feet	1	0.0059%
14.3	cheilectomy dorsal proximal phalanx only	3	0.0178%
14.5	Medial exostectomy (Silvers pattern) first metatarsal	98	0.5822%
14.32	Cheilectomy lesser MTP joint	50	0.2970%
14.6	Dorsal resection of base first metatarsal and medial cuneiform	11	0.0653%
16.0	ARTHROPLASTY first MTPJ base prox phalanx (Keller pattern)	86	0.5109%
16.2	ARTHROPLASTY of Hallux IPJ	21	0.1247%
17	LESSER METATARSALS (unspec)	27	0.1604%
17.1	lesser metatarsal includes 2-4 proximal displacement (PDO/Weil pattern) single metatarsal	359	2.1326%
17.11	lesser metatarsal includes 2-4 proximal displacement (PDO/Weil pattern) 2 or more metatarsals	96	0.5703%
17.4	lesser metatarsal 2-4 (Oblique Giannestras pattern) single metatarsal	2	0.0119%
17.2	lesser metatarsal 2-4 (Schweil pattern) single metatarsal	85	0.5049%
17.21	lesser metatarsal 2-4 (Schweil pattern) 2 or more metatarsals same foot	9	0.0535%
17.222	lesser metatarsal 2-4 (Schweil pattern) single metatarsal both feet	1	0.0059%
17.24	lesser 2-4 Weil pattern with removal of bone section only to decompress sagittal plane	9	0.0535%
17.25	lesser 2-5 Weil pattern with angled removal of bone section only to decompress sagittal plane	2	0.0119%
17.3	lesser metatarsal 2-5 (Chevron pattern) single metatarsal	8	0.0475%
17.4	lesser metatarsal Gauthier-Elbaz pattern V osty. For osteochondritis single	13	0.0772%
17.51	lesser metatarsal (2-5) base osteotomy wedge / elevation single metatarsal	5	0.0297%
17.52	lesser metatarsal (2-5) base osteotomy wedge / elevation two metatarsals	1	0.0059%
17.6	lesser metatarsal 2-4 Swartz dorsal displacement single metatarsal	1	0.0059%
17.7	single metatarsal base osteotomy wedge/ met. Adductus correction	2	0.0119%
17.71	2 metatarsals 2-5 base osteotomy wedge/ met. Adductus correction	1	0.0059%
17.8	FIFTH METATARSAL OSTEOTOMIES TAILORS BUNIONNETTE / IMA	71	0.4218%
17.83	L-Osteotomy	7	0.0416%
17.84	Scarf (5th metatarsal)	118	0.7010%
17.86	base wedge osteotomy	5	0.0297%
		16,834	100.0000%

Code	Name	Count	Percentage
17.92	Chevron capital fifth bilateral	1	0.0059%
18.1	capital pattern with SINGLE lesser metatarsal	3	0.0178%
18.2	midshaft pattern with or without Akin and SINGLE lesser metatarsal	1	0.0059%
18.3	basal patternwith or without Akin and SINGLE lesser metatarsal	5	0.0297%
18.4	BILATERAL combined metatatarsal with other forefoot proc. Non specific	1	0.0059%
19	INJECTION JOINTS (Unspec) usually steroid (sodium hyaluronate accepted)	156	0.9267%
19.1	First MTP Joint single foot	112	0.6653%
19.11	First MTP Joint both feet	25	0.1485%
19.12	Lesser MTP Joint single joint	29	0.1723%
19.13	Lesser MTP Joint multiple joint same foot	5	0.0297%
19.14	Lesser MTP Joint single joint both feet	1	0.0059%
19.2	MC Joint 1st	6	0.0356%
19.21	MC Joint 1st both feet	2	0.0119%
19.22	MC Joint 2nd	39	0.2317%
19.23	MC Joint 2nd both feet	20	0.1188%
19.24	MC Joint 3rd	7	0.0416%
19.25	MC Joint 3rd both feet	1	0.0059%
19.3	Intermetatarsal facet 1/2	2	0.0119%
19.32	Intermetatarsal facet 2/3	18	0.1069%
19.34	Intermetatarsal facet 3/4	23	0.1366%
19.36	Intermetatarsal facet 4/5	1	0.0059%
19.4	Met-cuboid Joint	5	0.0297%
19.5	Talo-navicular Joint	12	0.0713%
19.6	Subtalar Joint (sinus tarsi)	5	0.0297%
19.61	Subtalar Joint (sinus tarsi) both feet	1	0.0059%
19.7	Talo-crural Joint Ankle Mortice	8	0.0475%
20.1	First MTPJ single foot	1	0.0059%
21	FASCIA SURGERY (unspec)	9	0.0535%
21.1	Fascia excision central section complete or partial	4	0.0238%
21.4	fasciotomy division of fascia medial heel without optical guide	11	0.0653%
21.5	Excision of plantar fibroma	24	0.1426%
22	SKIN INCISION / EXCISION skin with ellipse and simple closure	167	0.9920%
22.1	excision of skin by punch biopsy	5	0.0297%
22.2	cautery of skin single eg verruca or granuloma	5	0.0297%
22.3	cautery of skin single by chemical eg verruca	2	0.0119%
22.4	cryosurgery skin single Nitrous oxide single	73	0.4336%
23	NEURECTOMY INTERDIGITAL / INTERMETATARSAL (Unspecified)	213	1.2653%
23.1	Neuroma dorsal approach	415	2.4652%
23.11	Neuroma plantar approach	47	0.2792%
23.12	Neuroma interdigital approach	10	0.0594%
23.14	Neuroma double dorsal id/im approach 2 spaces	24	0.1426%
23.15	Neuroma double dorsal id/im approach 2 spaces both feet	1	0.0059%
23.16	Neuroma dorsal id/im approach both feet	1	0.0059%
23.18	Joplin neuroma hallux	2	0.0119%
23.2	NERVE RELEASE OR DECOMPRESSION	53	0.3148%
		16,834	100.0000%

Code	Name	Count	Percentage
23.25	tarsal tunnel release	3	0.0178%
24	OSTEOTRIPSY DIGITAL (spec.)	11	0.0653%
24.1	phalangeal head of toe single toe same foot	1	0.0059%
24.12	phalangeal head of toe multiple toes same foot	1	0.0059%
25	Osteotripsy bone reduction NON SPECIFIC Excludes calaneus	7	0.0416%
26	TENDON ACHILLES LENGTHENING (closed)	8	0.0475%
26.1	tendo achilles percutaneous	18	0.1069%
27	TENDON ACHILLES LENGTHENING (open)	3	0.0178%
27.1	z - division of TA	1	0.0059%
28	TENDON GASTROCNEMIUS (Open)	9	0.0535%
28.1	gastroc recession single	28	0.1663%
29	TENDON LENGTHENING (Unspec.) Small Tendons of foot	85	0.5049%
29.1	extensor tendon hallucis single	56	0.3327%
29.12	extensor tendon digitorum (longus or brevis or both) single	75	0.4455%
29.13	extensors 2-5 more than one	3	0.0178%
29.14	TENDON LENGTHENING (Unspec.) both feet	6	0.0356%
29.15	extensor tendon hallucis both feet	1	0.0059%
29.16	extensor tendon digitorum (longus or brevis or both) single both feet	2	0.0119%
29.17	multiple extensors 2-5 same foot	1	0.0059%
29.2	TENOTOMY extensor / flexor (digital only)	368	2.1861%
29.21	Tenotomy subcutaneous two or more but less than 4 see 29.22	22	0.1307%
29.22	Tenotomy subcutaneous where all 2-5 included	8	0.0475%
29.3	Tenotomy (OPEN) single extensor	29	0.1723%
29.31	Tenotomy open two extensors	19	0.1129%
29.32	Tenotomy open three extensors or more	12	0.0713%
29.4	Tenotomy decompression i.e midfoot or ankle tendons	16	0.0950%
29.5	TENDON TRANSFER (unspec)	17	0.1010%
29.51	Tendon transfer FDL	3	0.0178%
29.52	Tendon Flexor to Extensor in lesser toe	73	0.4336%
29.53	Tendon STATT	4	0.0238%
29.54	Tendon Kidner advancement	5	0.0297%
29.56	Tendon transfer peroneal for ankle stabilization	2	0.0119%
29.57	Tendon hallux Jones suspension for trigger toe used without arthrodesis	9	0.0535%
30	NAIL SURGERY PHENOL (unspec) single	559	3.3207%
30.1	PARTIAL phenolisation ablation matricectomy single side	470	2.7920%
30.11	phenolisation and partial ablation matricectomy both sides same toe	320	1.9009%
30.12	phenolisation and partial ablation matricectomy two sides different toes	59	0.3505%
30.13	as above 30.12 but one side both hallux both feet	34	0.2020%
30.14	phenolisation more than two sides one foot	5	0.0297%
30.15	phenolisation more than two sides both feet	12	0.0713%
30.2	TOTAL NAIL AVULSION excision of whole nail by phenolisation single toe	305	1.8118%
30.21	Avulsion of two nails by phenolisation same foot	6	0.0356%
30.22	Avulsion of two nails by phenolisation both feet	65	0.3861%
30.23	Avulsion of three nails or more by phenolisation same foot	1	0.0059%
30.24	Avulsion of three nails or more by phenolisation both feet	5	0.0297%
		16,834	100.0000%

Code	Name	Count	Percentage
30.3	Single AVULSION alone without nail destruction	54	0.3208%
30.31	avulsion of two nails only	6	0.0356%
30.32	avulsion of more than two nails only	2	0.0119%
31	PARTIAL NAIL EXCISION surgical unspec single side (Winograd pattern)	89	0.5287%
31.1	both sides hallux same foot	7	0.0416%
31.11	single side both hallux	7	0.0416%
31.12	both sides both hallux	21	0.1247%
31.13	multiple sides one foot	1	0.0059%
31.14	multiple sides both feet	1	0.0059%
31.2	ZADIK MATRICECTOMY pattern whole nail hallux one foot	25	0.1485%
31.21	Zadik pattern whole nail both hallux	4	0.0238%
31.22	Zadik pattern whole nail more than one nail same foot	7	0.0416%
31.41	nail bed excision for lesser toe both feet	1	0.0059%
31.5	subungual exostectomy	33	0.1960%
31.51	subungual exostectomy single foot gt. Toe	22	0.1307%
32	EXCISION LESIONS UNDER SKIN (tumours)	79	0.4693%
32.1	Biopsy of subcutaneous tissue	11	0.0653%
32.2	excision lesion under skin small swelling eg inclusion body	26	0.1544%
32.21	excision subcutaneous swelling organised (not ganglion) discreet under 2cm	51	0.3030%
32.22	large extensive swelling across part or whole plantar foot greater than 2cm	3	0.0178%
32.23	removal of organised necrotic tissue with skin under 2cm	4	0.0238%
32.24	removal of organised necrotic tissue with skin under greater than 2cm	5	0.0297%
33	SKIN PLASTIC SURGERY (SKIN PLASTY / FLAPS / GRAFTS)	32	0.1901%
33.1	VY plasty over mtpj of toe single digit	7	0.0416%
33.11	VY plasty over mtpj of single toe both feet	1	0.0059%
33.12	Z lengthening over mtpj single toe	28	0.1663%
33.14	desyndactylisation of toe	2	0.0119%
33.16	syndactylisation of toe	23	0.1366%
33.17	syndactylisation of toes, multiple	2	0.0119%
33.2	single lobed Schrudde flap (Rotational flap) any site on foot	8	0.0475%
33.21	double lobed Schrudde flap	1	0.0059%
33.23	Transpositional rectangular flap eg incision line excision repair	1	0.0059%
34	TENDON GRAFT (unspec)	1	0.0059%
34.1	posterior tibial tendon grafted with other tendon Do not repeat 29.51	1	0.0059%
34.2	tendo-achilles tendon grafted with other tendon	4	0.0238%
47	HARDWARE REMOVAL screws, pins, wires and plates	440	2.6138%
47.1	staple	6	0.0356%
47.2	external K wire smooth	1	0.0059%
47.31	internal K wire smooth	4	0.0238%
47.31	internal K wire threaded design	4	0.0238%
47.41	Screw solid design partially threaded AO	3	0.0178%
47.42	screw solid design fully threaded AO	17	0.1010%
47.43	self tapping screw titanium eg M3X	3	0.0178%
47.44	screw cannulated	23	0.1366%
47.5	plate	10	0.0594%
		16,834	100.0000%

Code	Name	Count	Percentage
49	METATARSAL HEAD EXCISION	62	0.3683%
49.1	single head resection	19	0.1129%
49.11	more than one head resection	8	0.0475%
50	PROSTHETIC REPLACEMENT JOINT FIRST MTP	10	0.0594%
50.11	prosthetic joint single plastic	7	0.0416%
50.12	prosthetic joint double stem silastic Swanson pattern	79	0.4693%
50.13	prosthetic joint double stem silastic other pattern	25	0.1485%
50.15	prosthetic joint double stem silastic Swanson pattern both feet	1	0.0059%
50.2	two-part metal any design	1	0.0059%
50.4	PROSTHETIC SPACER IN MTP LESSER TOES	8	0.0475%
50.41	single MTPJ one foot	4	0.0238%
50.6	prosthetic resurfacing of metatarsal head	6	0.0356%
51	PROSTHETIC REMOVAL TOE JOINT prosthetic removal unspec.	5	0.0297%
51.1	removal silastic implant single first toe	5	0.0297%
51.2	removal of 2-part metal implant	3	0.0178%
51.4	removal of STA peg or other implant from STJ	4	0.0238%
52	Subtalar arthroeresis blocking operation for flat foot	8	0.0475%
52.1	MBA, Hyprocur or similar blocking operation for flat foot one foot	5	0.0297%
54	excision of ganglion	161	0.9564%
55	Excision lesion of tendon	6	0.0356%
55.1	Excision of foreign body (e.g. glass)	14	0.0832%
54.1	Bursa excision	62	0.3683%
56	EXCISION OF BONE FRAGMENT (separated by fibrous material)	18	0.1069%
56.2	from midfoot	3	0.0178%
57	EXCISION OF SESAMOID or ACCESSORY BONE	26	0.1544%
57.1	ipj hallux	4	0.0238%
57.21	medial sesamoid first metatarsal	8	0.0475%
57.22	lateral sesamoid first metatarsal	1	0.0059%
57.23	both sesamoids first metatarsal	6	0.0356%
57.24	sesamoid shave	4	0.0238%
57.3	navicular	3	0.0178%
57.5	calcaneus	3	0.0178%
57.62	fibula ankle	2	0.0119%
58	JOINT ANALYSIS AND BIOPSY (OPEN)	1	0.0059%
58.22	biopsy of joint synovium (synovectomy) first MTPJ	2	0.0119%
59	BONE LESION PATHOLOGY (NB histology intended)	2	0.0119%
59.1	excision of cyst with or without infil by currette Not SUEx.	45	0.2673%
59.2	simple osteophytic nibbling (exclude for large resection i.e cheilectomy 14)	24	0.1426%
59.3	needle biopsy of bone	23	0.1366%
59.4	small excision of bone in the foot up to size of phalanx	6	0.0356%
59.5	medium excision of bone in the foot up to size of lesser metatarsal	3	0.0178%
59.6	large excision of bone from the foot size of talus	1	0.0059%
60	OPEN REDUCTION INTERNAL FRACTURE (ORIF)	7	0.0416%
60.1	stabilisation of fracture with percutaneous wire	1	0.0059%
61	REPAIR OF TENDON PRIMARY	61	0.3624%
		16,834	100.0000%

Code	Name	Count	Percentage
62	CONVERSION TO FUSE JOINT WITH GRAFT	1	0.0059%
62.1	first MTPJ from osteotomy	1	0.0059%
62.2	first MTPJ from implanted prosthesis	9	0.0535%
63	CONVERSION TO MOBILISE FUSED JOINT	2	0.0119%
63.1	use of implant as secondary procedure for joint first MTPJ	7	0.0416%
63.2	excision of joint to form arthroplasty first MTPJ	2	0.0119%
64	OSTEOTOMY IN MIDFOOT	1	0.0059%
64.1	osteotomy of cuneiform	3	0.0178%
65	OSTEOTOMY OF CALCANEUS division of bone	11	0.0653%
65.1	Open wedge calcaneus Evans pattern	8	0.0475%
65.2	medial displacement	7	0.0416%
65.4	Keck & Kelly	1	0.0059%
65.7	Dwyer varus reduction	1	0.0059%
66	HARVEST BONE GRAFT	51	0.3030%
67	REPAIR WITH BONE GRAFTING	12	0.0713%
68	WOUND MANAGEMENT	66	0.3921%
68.1	incision and drainage of surgical wound with or without packing	55	0.3267%
68.2	curette to vascularise slow healing wound & remove slough	14	0.0832%
68.3	trim and excise wound edges with or without slough removal as above	9	0.0535%
68.3	drain ulcer specially eg diabetic	20	0.1188%
68.4	incision and drainage of abscess	26	0.1544%
69	REPAIR OF CAPSULE OF JOINT FOR STABILIZATION	166	0.9861%
70	STEROID INJECTION (soft tissue) non specific	56	0.3327%
70.1	Single one foot	11	0.0653%
70.1	Single both feet	1	0.0059%
70.11	Multiple both feet	1	0.0059%
70.12	Intermetatarsal Space	42	0.2495%
20.20	Needling dry injection technique	5	0.0297%
76	Manipulation under anaesthetic (unspec anaesthetic)	13	0.0772%
30.41	partial nail avulsion electrocautery	21	0.1247%
30.42	total nail avulsion electrocautery	2	0.0119%
14.7	Dorsal exostectomy 2nd metatarsocuneiform joint one foot	38	0.2257%
14.72	Mid foot plantar exostectomy	17	0.1010%
		16,834	100.0000%

Invasive Fixations



Date Range: All events between 01/01/2023 and 31/12/2023

Centres: All Permitted Centres (409)

Clinicians: All Permitted Clinicians (1377)

Total number of centres: 113

Total number of episodes: 10510

Total number of treatments: 11528

Code	Name	Quantity: Count	Count (%)	Quantity: Average	Average (%)
00	No Fixation	7	0.0451%	0.01	0.0247%
01	Staple	148	0.9532%	1.03	2.9685%
02	Wire external	1,359	8.7525%	1.61	4.6183%
03	Wire: internal (not specified)	50	0.3220%	1.35	3.8759%
03.1	Wire: internal - threaded	782	5.0364%	1.11	3.1950%
03.2	Wire: internal - smooth	313	2.0158%	1.44	4.1181%
04	Screw (not specified)	1,312	8.4498%	3.49	10.0081%
04.1	Screw - standard AO or equivalent	3,924	25.2721%	2.99	8.5717%
04.2	Screw - self tapping	1,848	11.9018%	3.14	8.9989%
04.3	Screw - cannulated	3,942	25.3880%	2.27	6.4979%
05	Joint replacement - not specified	41	0.2641%	1.24	3.5635%
05.1	Joint replacement - single part plastic	91	0.5861%	1.00	2.8682%
05.2	Joint replacement - two-part metal / plastic	12	0.0773%	1.00	2.8682%
06	Plate: standard design	44	0.2834%	1.10	3.1550%
06.1	Plate: locking design	985	6.3438%	1.03	2.9490%
10	Intramedullary beam	3	0.0193%	3.00	8.6045%
07	Drain	37	0.2383%	1.37	3.9305%
08	Tissue anchor	91	0.5861%	1.15	3.3038%
09	Bone graft (not specified)	2	0.0129%	1.00	2.8682%
09.2	Allograft	7	0.0451%	1.17	3.3462%
10	Stent: STJ arthroeresis	5	0.0322%	1.00	2.8682%
11	bone wax	2	0.0129%	1.00	2.8682%
12.0	Implantable device for digital arthrodesis e.g Smart toe	522	3.3619%	1.37	3.9296%
		15,527	100.0000%		

Invasive Anaesthesia



ROYAL COLLEGE
of PODIATRY

Date Range: All events between 01/01/2023 and 31/12/2023

Centres: All Permitted Centres (409)

Clinicians: All Permitted Clinicians (1377)

Total number of centres: 113

Total number of episodes: 10510

Total number of treatments: 11528

Name	Count	Percentage	
Nill. No anaesthetic	1,583	13.7318%	
Local (e.g. infiltration, digital, internet)	2,995	25.9802%	
Local anaesthetic agent used for analgesia guided by ultrasound for invasive treatment	660	5.7252%	
Local with sedative (e.g. digital)	85	0.7373%	
Injection of analgesic block guided with Ultrasound but may include sedation / general anaesthetic	366	3.1749%	
Regional ankle	3,174	27.5330%	
Regional ankle with sedative	459	3.9816%	
		11,528	100.0000%

Name	Count	Percentage
Regional ankle with general	421	3.6520%
Regional leg (eg popliteal)	983	8.5271%
Regional leg with sedative (eg popliteal)	149	1.2925%
Regional leg with general (eg popliteal)	50	0.4337%
General anaesthesia	121	1.0496%
Spinal / epidural	29	0.2516%
General anaesthesia with local block	453	3.9296%
	11,528	100.0000%

Invasive Demographics



ROYAL COLLEGE
of PODIATRY

Date Range: All events between 01/01/2023 and 31/12/2023

Centres: All Permitted Centres (409)

Clinicians: All Permitted Clinicians (1377)

Total number of centres: 113

Total number of episodes: 10510

Total number of treatments: 11528

Age Range	Male	Male %	Female	Female %	Other	Other %	Non-Binary	Non-Binary %	Prefer not to say	Prefer not to say %	Total	Total %
0 - 4	14	0.1366%	26	0.2536%	5	0.0488%	0	0.0000%	0	0.0000%	45	0.4389%
5 - 9	7	0.0683%	5	0.0488%	0	0.0000%	0	0.0000%	0	0.0000%	12	0.1171%
10 - 14	115	1.1217%	89	0.8681%	0	0.0000%	0	0.0000%	0	0.0000%	204	1.9899%
15 - 19	269	2.6239%	171	1.6680%	0	0.0000%	0	0.0000%	0	0.0000%	440	4.2918%
20 - 24	186	1.8143%	196	1.9118%	5	0.0488%	0	0.0000%	0	0.0000%	387	3.7749%
25 - 29	141	1.3753%	227	2.2142%	0	0.0000%	1	0.0098%	0	0.0000%	369	3.5993%
30 - 34	130	1.2680%	224	2.1849%	0	0.0000%	0	0.0000%	0	0.0000%	354	3.4530%
35 - 39	135	1.3168%	277	2.7019%	1	0.0098%	0	0.0000%	0	0.0000%	413	4.0285%
40 - 44	153	1.4924%	367	3.5798%	0	0.0000%	0	0.0000%	0	0.0000%	520	5.0722%
45 - 49	169	1.6485%	469	4.5747%	0	0.0000%	0	0.0000%	0	0.0000%	638	6.2232%
50 - 54	261	2.5458%	698	6.8084%	0	0.0000%	0	0.0000%	0	0.0000%	959	9.3543%
55 - 59	341	3.3262%	971	9.4713%	2	0.0195%	0	0.0000%	0	0.0000%	1,314	12.8170%
60 - 64	312	3.0433%	960	9.3640%	3	0.0293%	0	0.0000%	0	0.0000%	1,275	12.4366%
65 - 69	286	2.7897%	749	7.3059%	0	0.0000%	0	0.0000%	1	0.0098%	1,036	10.1053%
70 - 74	272	2.6531%	661	6.4475%	0	0.0000%	0	0.0000%	0	0.0000%	933	9.1007%
75 - 79	238	2.3215%	515	5.0234%	0	0.0000%	0	0.0000%	0	0.0000%	753	7.3449%
80 - 84	105	1.0242%	226	2.2044%	0	0.0000%	0	0.0000%	0	0.0000%	331	3.2286%
85 - 89	41	0.3999%	85	0.8291%	0	0.0000%	0	0.0000%	0	0.0000%	126	1.2290%
90 - 94	14	0.1366%	18	0.1756%	0	0.0000%	0	0.0000%	0	0.0000%	32	0.3121%
95 - 99	3	0.0293%	2	0.0195%	0	0.0000%	0	0.0000%	0	0.0000%	5	0.0488%
	3,220	31.4085%	7,014	68.4159%	16	0.1561%	1	0.0098%	1	0.0098%	10,252	100.0000%
Average	50.85		56.27		28.81		27.00		69.00		54.53	
Std. Deviation	21.92		18.20		24.17		0.00		0.00		19.65	

Age Range	Male	Male %	Female	Female %	Other	Other %	Non-Binary	Non-Binary %	Prefer not to say	Prefer not to say %	Total	Total %
100+	28	0.2731%	78	0.7608%	0	0.0000%	0	0.0000%	0	0.0000%	106	1.0339%
	3,220	31.4085%	7,014	68.4159%	16	0.1561%	1	0.0098%	1	0.0098%	10,252	100.0000%
Average	50.85		56.27		28.81		27.00		69.00		54.53	
Std. Deviation	21.92		18.20		24.17		0.00		0.00		19.65	

Invasive Medications



ROYAL COLLEGE
of PODIATRY

Date Range: All events between 01/01/2023 and 31/12/2023

Centres: All Permitted Centres (409)

Clinicians: All Permitted Clinicians (1377)

Total number of centres: 113

Total number of episodes: 10510

Total number of treatments: 11528

Code	Name	Count	Percentage
2.7.31	Adrenaline / Epinephrine	1	0.0058%
4.3.11	Amitriptyline Hydrochloride	8	0.0461%
5.1.1.32	Amoxicillin	81	0.4667%
10.1.1.14	Aspirin	2	0.0115%
15.2.13	Bupivacaine	410	2.3622%
15.2.14	Bupivacaine with Vasoconstrictor	1	0.0058%
4.7.21	Buprenorphine	2	0.0115%
5.1.2.10	Cefaclor	1	0.0058%
5.1.2.12	Ceftazidime	2	0.0115%
5.1.2.13	Cefuroxime	590	3.3992%
10.1.1.1	Celecoxib	5	0.0288%
	Cerament G	32	0.1844%
	Cerament V	14	0.0807%
5.1.12.10	Ciprofloxacin	1	0.0058%
5.1.5.111	Clarythromycin	10	0.0576%
5.1.6.11	Clindamycin	221	1.2733%
5.1.1.33	Co-amoxiclav	145	0.8354%
4.6.15	Co-codamol 30/500mg	589	3.3934%
4.6.14	Co-codamol 15/500mg	39	0.2247%
4.6.13	Co-codamol 8/500mg	305	1.7572%
4.7.22	Codeine Phosphate	2,005	11.5515%
4.6.16	Co-dydramol 10/500mg	224	1.2905%
4.6.11	Cyclizine	5	0.0288%
10.1.2.10	Dexamethasone Phosphate	1	0.0058%
15.1.4.11	Diazepam	221	1.2733%
10.1.1.2	Diclofenac Sodium	75	0.4321%
		17,357	100.0000%

Code	Name	Count	Percentage
4.7.23	Dihydrocodeine Tartrate	195	1.1235%
5.1.5.12	Doxycycline	36	0.2074%
2.8.12	Enoxaparin	296	1.7054%
2.8.14	Tinzaparin Sodium	192	1.1062%
5.1.5.11	Erythromycin	34	0.1959%
2.8.15	Dalteparin	535	3.0823%
10.1.1.4	Etodolac	1	0.0058%
5.1.1.20	Flucloxacillin	1,555	8.9589%
2.8.13	Fondaparinux	2	0.0115%
4.7.31	Gabapentin	18	0.1037%
5.1.4.11	Gentamicin	355	2.0453%
2.8.11	Heparin	36	0.2074%
10.3.1.10	Hyaluronidase	44	0.2535%
6.3.2.11	Hydrocortisone	8	0.0461%
10.1.2.11	Hydrocortisone Acetate	3	0.0173%
10.1.1.5	Ibuprofen	2,295	13.2223%
1.6.40	Lactulose	12	0.0691%
1.3.12	Lansopazole	71	0.4091%
15.2.15	Levobupivacaine	665	3.8313%
15.2.11	Lidocaine	270	1.5556%
15.2.12	Lidocaine with Vasoconstrictor	38	0.2189%
15.1.4.12	Lorazepam	70	0.4033%
10.1.1.9	Meloxicam	1	0.0058%
15.2.18	Mepivacaine	397	2.2873%
10.1.2.12	Methylprednisolone Acetate	371	2.1375%
4.6.12	Metoclopramide	1	0.0058%
5.1.11.10	Metronidazole	2	0.0115%
15.1.4.13	Midazolam	1	0.0058%
15.1.4.14	Morphine	266	1.5325%
10.1.1.11	Naproxen	190	1.0947%
4.7.1	Nefopam Hydrochloride	74	0.4263%
1.3.13	Omeprazole	189	1.0889%
4.6.13	Ondansetron	8	0.0461%
4.6.12	Paracetamol 500mg	2,999	17.2783%
5.1.1.10	Penicillin V	2	0.0115%
4.7.32	Pregabalin	6	0.0346%
	Rivaroxaban	16	0.0922%
15.2.17	Ropivacaine	84	0.4840%
	Stimulan impregnated with Gentamicin	11	0.0634%
	Stimulan impregnated Vancomycin	4	0.0230%
	Stimulan impregnated with Gentamicin and Vancomycin	99	0.5704%
5.1.7.13	Teicoplanin	808	4.6552%
15.1.4.14	Temazepam	8	0.0461%
4.7.25	Tramadol HCl	77	0.4436%
10.1.2.13	Triamcinolone Acetonide	7	0.0403%
		17,357	100.0000%

Code	Name	Count	Percentage
15.4.01	Mepivacaine	5	0.0288%
5.1.7.12	Vancomycin	7	0.0403%
15.1.1	Propofol	3	0.0173%
		17,357	100.0000%

Invasive Post Treatment Sequellae



ROYAL COLLEGE
of PODIATRY

Date Range: All events between 01/01/2023 and 31/12/2023

Centres: All Permitted Centres (409)

Clinicians: All Permitted Clinicians (1377)

Total number of centres: 113

Total number of episodes: 10510

Total number of treatments: 11528

Code	Name	Sequellae	Sequellae %	Episodes	Episodes %
NA	No observed sequella	2,421	80.8077%	1,880	61.0985%
CAL	Pain: Callus or IPK formation	10	0.3338%	10	0.3250%
DVT	Morbidity: Deep vein thrombosis proven	18	0.6008%	13	0.4225%
DPRT	Pain: Digital periostitis	1	0.0334%	1	0.0325%
IMPL	Pain: Fixation problem: removal required includes any implanted material	28	0.9346%	26	0.8450%
HTM	Pain:Haematoma	10	0.3338%	10	0.3250%
AVN	Iatrogenic: Avascular necrosis	1	0.0334%	1	0.0325%
BUND	Healing: Bone union delay	22	0.7343%	22	0.7150%
DHC	Healing: wound dehiscence	41	1.3685%	40	1.3000%
SWB	Healing: ischaemia/necrosis	6	0.2003%	6	0.1950%
BKD	Healing: wound breakdown, surgery may be required	6	0.2003%	6	0.1950%
SCR	Pain: Scar line hypertrophy / Keloid may not be painful	31	1.0347%	31	1.0075%
INCL	Healing: Inclusion cyst	1	0.0334%	1	0.0325%
INF +	Infection: proven	40	1.3351%	38	1.2350%
OML	Infection: Osteomyelitis	3	0.1001%	3	0.0975%
INFS	Infection: suspected/not proven	55	1.8358%	50	1.6250%
RxSE	Iatrogenic: Medication side effect	7	0.2336%	7	0.2275%
FMET	Pain:Metatarsal fracture	28	0.9346%	28	0.9100%
MORT+3	Mortality: not related directly, within 12 weeks	1	0.0334%	1	0.0325%
MPL	Functional loss: Motor power weak cannot activate muscle easily	1	0.0334%	1	0.0325%
NRG	Nail regrowth following surgery	10	0.3338%	9	0.2925%
PNSS	Pain: surgical site beyond six weeks	51	1.7023%	49	1.5925%
RxP	Pain: excessive post treatment pain (first 72 hours)	13	0.4339%	13	0.4225%
JPS	Pain: Joint pain and stiffness after 3 mos	56	1.8692%	55	1.7875%
NCP	Iatrogenic: Patient non compliance	20	0.6676%	17	0.5525%
PONV	Iatrogenic: Post operative nausea and vomiting (PONV)	10	0.3338%	9	0.2925%
PE	Morbidity: Pulmonary embolism	1	0.0334%	1	0.0325%
		2,996	100.0000%		

Code	Name	Sequellae	Sequellae %	Episodes	Episodes %
NS-0	Functional Loss: Sensory loss small	5	0.1669%	5	0.1625%
SABR	Healing: stitch abcess or suture reaction	32	1.0681%	32	1.0400%
FTX	Iatrogenic: Surgery failed e.g. recurrence, digital floating, hallux varus	31	1.0347%	31	1.0075%
OED	Healing: Swelling beyond 4 months	16	0.5340%	16	0.5200%
TMET	Pain: Transfer metatarsalgia	20	0.6676%	20	0.6500%
		2,996	100.0000%		

Invasive PSQ10 Response



ROYAL COLLEGE
of PODIATRY

Date Range: All events between 01/01/2023 and 31/12/2023

Centres: All Permitted Centres (409)

Clinicians: All Permitted Clinicians (1377)

Total number of centres: 113

Total number of episodes: 10510

Total number of treatments: 11528

Q2 Where the risks from the surgery explained?

Yes	2456	98.2%
Not sure	8	0.3%
No	10	0.4%
Not stated	28	1.1%

Q3 Did you know what to do if you needed assistance?

Yes	2430	97.1%
Not sure	12	0.5%
No	31	1.2%
Not stated	29	1.2%

Q4 Did you have a problem after your operation?

No	1878	75.1%
A minor problem	469	18.7%
A major problem	55	2.2%
Not stated	100	4.0%

Q4a If 'Yes' to Q4, what did you do?

Not applicable	1978	79.1%
Waited	126	5.0%
Earlier appointment	240	9.6%
Called out podiatrist	3	0.1%
Verbal advice	65	2.6%
Went to A&E	30	1.2%
Other	50	2.0%
Not stated	10	0.4%

Q4c If 'Yes' to Q4, how was speed of response?

Not applicable	1978	79.1%
Slow to respond	11	0.4%
Satisfactory	78	3.1%
Fast to respond	286	11.4%
Not stated	149	6.0%

Q4d If 'Yes' to Q4, how would you say your problem was dealt with?

Not applicable	1978	79.1%
Poorly	9	0.4%
Cannot tell	39	1.6%
Satisfactorily	85	3.4%
Excellent	341	13.6%
Not stated	50	2.0%

Q5 Was your pain medication adequate after surgery?

Ineffective	90	3.6%
Some discomfort	1210	48.4%
Excellent	1079	43.1%
Not stated	123	4.9%

Q6 When could you get back in to your shoes?

By 2 weeks	737	29.5%
By 4 weeks	570	22.8%
By 6 weeks	501	20.0%
By 8 weeks	383	15.3%
By 12 weeks	83	3.3%
By 6 months	78	3.1%
After 6 months	47	1.9%
Not stated	103	4.1%

Q7 Do you still have discomfort from your original foot condition?

At rest	147	5.9%
When standing	69	2.8%
Standing long time	182	7.3%
Occasional twinge	881	35.2%
No discomfort	1108	44.3%
Not stated	115	4.6%

Q8 How is your original problem?

Q9 Would you have surgery again under the same circumstances?

Q10 Were the original expectations that you stated at the begining met?

Deteriorated	26	1.0%	Yes	2276	91.0%	Yes	2117	84.6%
A little worse	47	1.9%	No	102	4.1%	In part	210	8.4%
The same	84	3.4%	Not stated	124	5.0%	No	68	2.7%
Better	575	23.0%				Not stated	107	4.3%
Much better	1662	66.4%						
Not stated	108	4.3%						

No. of PSQ10 Events 2502 Average Score 85.93 Standard Deviation 18.73

Invasive MOXFQ



Date Range: All events between 01/01/2023 and 31/12/2023
Centres: All Permitted Centres (409)
Clinicians: All Permitted Clinicians (1377)
Total number of centres: 113
Total number of episodes: 10510
Total number of treatments: 11528

Number of episodes	Episodes with only Pre-MOXFQ or Post-MOXFQ				Episodes with both Pre-MOXFQ and Post-MOXFQ			
	Pre-treatment		Post-treatment		Pre-treatment		Post-treatment	
	Average	Std. Dev.	Average	Std. Dev.	Average	Std. Dev.	Average	Std. Dev.
	5801		125		2474		2378	
WS	54.623	26.774	15.416	24.599	55.155	26.269	14.479	23.017
SI	49.637	26.013	14.016	23.28	50.31	25.79	11.227	19.444
P	56.83	22.594	15.92	22.578	56.975	21.782	17.441	22.27