

SCARD Pool report for 01-01-2023 to 31-12-2023

Participants	Doctors	413	
	Patients	78,022	
Specimens	New lesions	136,589	82.47%
	Previously biopsied lesions	29,042	17.53%
	Total lesions	165,631	100.00%

Breakdown of new versus previously biopsied specimens


Percentage of new lesions tested which were malignant	62.65%
Percentage of Definitively excised lesions that were malignant	80.23%
Lesions tested to find one melanoma (NNT)	3.78
Percentage of lesions tested for NMSC which were NMSC	78.54%
Ratio of New BCCs : New Melanomas	7:1

Accuracy
Diagnostic sensitivity

Melanomas	78.45% of 5,439
All NMSC	95.32% of 75,098
BCCs	90.43% of 39,371
SCCs	81.83% of 35,334

Positive predictive value

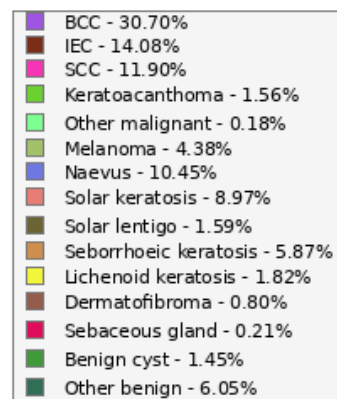
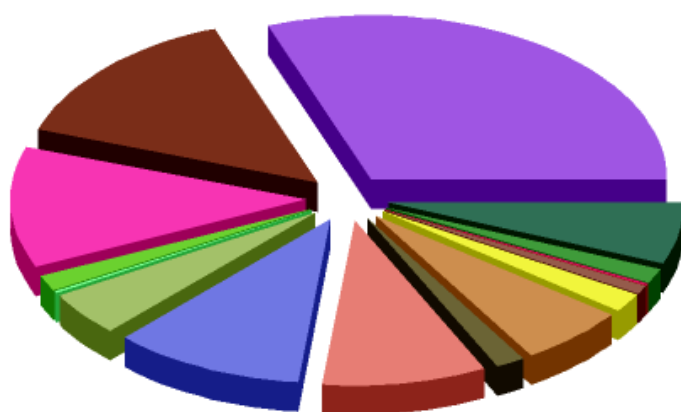
Melanomas	42.18% of 10,116
All NMSC	85.47% of 83,749
BCCs	42.51% of 83,749
SCCs	66.15% of 43,712

Adequacy
Percentage of definitively managed malignant cases where surgical margins were adequate

BCC	88.30% of 26,834
IEC/Bowens disease	86.26% of 7,395
SCC	85.01% of 10,499
Keratoacanthoma	89.80% of 1,500
Melanoma - in situ	77.54% of 3,366
Melanoma - invasive	76.46% of 841
Melanoma - invasive > 1mm	46.08% of 102
Other malignant	69.42% of 121

Lesion Breakdown
Histological Diagnosis

BCC (unspecified type)	4,906	3.59%
BCC - Superficial	10,249	7.49%
BCC - Nodular/Solid	20,378	14.90%
BCC - Aggressive	3,838	2.81%
IEC/Bowens disease	18,061	13.21%
SCC	15,268	11.16%
Keratoacanthoma	2,005	1.47%
Pinkus Fibroepithelioma	16	0.01%
Merkel cell tumour	25	0.02%
Other malignant	172	0.13%
NMSC Metastasis	0	0%
Melanoma - in situ	4,058	2.97%
Melanoma - invasive	1,084	0.79%
Melanoma - invasive > 1mm	273	0.20%
Melanoma - metastasis	24	0.02%
MELTUMP	180	0.13%
Naevus - other	6,940	5.07%
Naevus - dysplastic/Clark	3,860	2.82%
Naevus - blue	494	0.36%
Naevus - Spitz/Reed	137	0.10%
Naevus - Compound	1,976	1.44%
Solar keratosis	11,500	8.41%
Solar lentigo	1,900	1.39%
Seborrhoeic keratosis	7,530	5.51%
Lentigo Simplex	138	0.10%
Lichenoid keratosis (LPLK)	2,329	1.70%
Dermatofibroma	1,030	0.75%
Sebaceous gland hyperplasia	263	0.19%
Benign cyst	1,857	1.36%
Other benign	7,755	5.67%
Histology Pending	178	0.13%



Procedures
Definitive Surgical Management used to exclude melanoma

Ellipse	4,230	85.54%
Flap	62	1.25%
Graft - SSG	4	0.08%
Graft - FTSG	21	0.42%
No Closure	17	0.34%
Shave/Saucerisation	114	2.31%
Curettage & Cautery	43	0.87%
Liquid N2 freeze/thaw	1	0.02%
PDT	0	0%
Imiquimod	1	0.02%
5 FU cream	1	0.02%
GP referral	353	7.14%
Specialist referral	70	1.42%
Other	28	0.57%

Biopsy used to exclude melanoma

Punch - sample	1,625	9.39%
Shave - sample	2,054	11.87%
Incisional	244	1.41%
Punch - removal	2,921	16.88%
Shave - removal	3,842	22.21%
Excisional	6,561	37.92%
Curettage	13	0.08%
Other	36	0.21%

Breakdown of definitive management procedures for malignant conditions

Ellipse	43,806	65.52%
Flap	5,152	7.71%
Graft - SSG	326	0.49%
Graft - FTSG	1,597	2.39%
No Closure	160	0.24%
Shave/Saucerisation	1,069	1.60%
Curettage & Cautery	8,956	13.40%
Liquid N2 freeze/thaw	650	0.97%
PDT	53	0.08%
Imiquimod	480	0.72%
5 FU cream	1,107	1.66%
GP referral	1,060	1.59%
Specialist referral	1,580	2.36%
Other	318	0.48%

Breakdown of definitive management procedures for benign conditions

Ellipse	5,247	77.73%
Flap	55	0.81%
Graft - SSG	1	0.01%
Graft - FTSG	10	0.15%
No Closure	33	0.49%
Shave/Saucerisation	309	4.58%
Liquid N2 freeze/thaw	93	1.38%
5 FU cream	99	1.47%
GP referral	97	1.44%
Specialist referral	51	0.76%
Other	147	2.18%

Procedures (continued)
Percentage of procedures/closures that were complex

Complex Closures	2.66% of 11,944
Complex Closures (inc Curettage & Cautey)	2.50% of 12,715

Locations
Breakdown of melanomas by location and percentage melanomas of total lesions at that location

Nose	48	0.61% of 7,916
Lip	7	0.35% of 1,978
Ear	118	1.85% of 6,376
Eyelid	15	1.20% of 1,252
Other face	472	2.08% of 22,712
Scalp	154	2.56% of 6,022
Neck	235	3.23% of 7,284
Shoulder	397	6.42% of 6,187
Chest	306	3.75% of 8,160
Abdomen	137	7.54% of 1,817
Genitalia	3	1.64% of 183
Back	1696	8.78% of 19,323
Buttock	7	1.93% of 363
Arm	569	6.98% of 8,147
Forearm	343	3.48% of 9,865
Hand Dorsal	14	0.29% of 4,822
Hand Palmar	0	0% of 30
Finger Dorsal	2	0.25% of 793
Finger Nail	2	10.00% of 20
Finger Palmar	1	6.25% of 16
Thigh	271	6.47% of 4,186
Leg	573	3.36% of 17,056
Foot Dorsal	44	3.55% of 1,240
Foot Plantar	8	7.84% of 102
Toe Dorsal	13	6.28% of 207
Toe Nail	1	5.26% of 19
Toe Plantar	0	0% of 18
Palm Or Sole	0	0% of 0

