

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

Participants	Doctors	422	
	Patients	80,564	
Specimens	New lesions	140,963	82.53%
	Previously biopsied lesions	29,842	17.47%
	Total lesions	170,805	100.00%

Breakdown of new versus previously biopsied specimens


Percentage of new lesions tested which were malignant	62.43%
Percentage of Definitively excised lesions that were malignant	80.00%
Lesions tested to find one melanoma (NNT)	3.80
Percentage of lesions tested for NMSC which were NMSC	78.46%
Ratio of New BCCs : New Melanomas	7:1

Accuracy
Diagnostic sensitivity

Melanomas	78.02% of 5,669
All NMSC	95.33% of 77,334
BCCs	90.46% of 40,604
SCCs	81.73% of 36,331

Positive predictive value

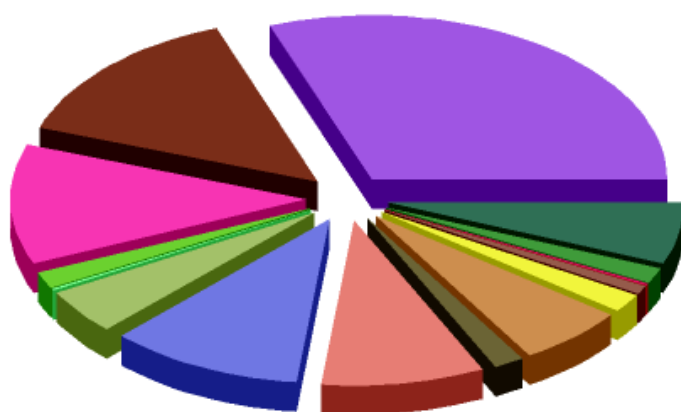
Melanomas	42.56% of 10,392
All NMSC	85.63% of 86,095
BCCs	42.66% of 86,095
SCCs	66.24% of 44,828

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

BCC	88.40% of 27,940
IEC/Bowens disease	86.53% of 7,772
SCC	85.15% of 10,857
Keratoacanthoma	90.13% of 1,621
Melanoma - in situ	77.62% of 3,579
Melanoma - invasive	75.34% of 892
Melanoma - invasive > 1mm	45.19% of 104
Other malignant	69.11% of 123

Lesion Breakdown
Histological Diagnosis

BCC (unspecified type)	5,224	3.70%
BCC - Superficial	10,436	7.39%
BCC - Nodular/Solid	20,968	14.86%
BCC - Aggressive	3,976	2.82%
IEC/Bowens disease	18,536	13.13%
SCC	15,658	11.09%
Keratoacanthoma	2,137	1.51%
Pinkus Fibroepithelioma	16	0.01%
Merkel cell tumour	25	0.02%
Other malignant	175	0.12%
NMSC Metastasis	0	0%
Melanoma - in situ	4,240	3.00%
Melanoma - invasive	1,125	0.80%
Melanoma - invasive > 1mm	279	0.20%
Melanoma - metastasis	25	0.02%
MELTUMP	183	0.13%
Naevus - other	7,138	5.06%
Naevus - dysplastic/Clark	4,142	2.93%
Naevus - blue	521	0.37%
Naevus - Spitz/Reed	145	0.10%
Naevus - Compound	2,173	1.54%
Solar keratosis	11,840	8.39%
Solar lentigo	1,981	1.40%
Seborrhoeic keratosis	7,855	5.57%
Lentigo Simplex	143	0.10%
Lichenoid keratosis (LPLK)	2,404	1.70%
Dermatofibroma	1,072	0.76%
Sebaceous gland hyperplasia	272	0.19%
Benign cyst	1,947	1.38%
Other benign	8,007	5.67%
Histology Pending	184	0.13%



BCC - 30.61%
IEC - 13.97%
SCC - 11.80%
Keratoacanthoma - 1.61%
Other malignant - 0.17%
Melanoma - 4.41%
Naevus - 10.64%
Solar keratosis - 8.39%
Solar lentigo - 1.60%
Seborrhoeic keratosis - 5.92%
Lichenoid keratosis - 1.81%
Dermatofibroma - 0.81%
Sebaceous gland - 0.21%
Benign cyst - 1.47%
Other benign - 6.04%

Procedures
Definitive Surgical Management used to exclude melanoma

Ellipse	4,570	86.26%
Flap	66	1.25%
Graft - SSG	5	0.09%
Graft - FTSG	21	0.40%
No Closure	17	0.32%
Shave/Saucerisation	117	2.21%
Curettage & Cautery	44	0.83%
Liquid N2 freeze/thaw	1	0.02%
PDT	0	0%
Imiquimod	1	0.02%
5 FU cream	1	0.02%
GP referral	353	6.66%
Specialist referral	72	1.36%
Other	30	0.57%

Biopsy used to exclude melanoma

Punch - sample	1,657	9.25%
Shave - sample	2,064	11.52%
Incisional	253	1.41%
Punch - removal	3,325	18.57%
Shave - removal	3,866	21.59%
Excisional	6,687	37.34%
Curettage	13	0.07%
Other	37	0.21%

Breakdown of definitive management procedures for malignant conditions

Ellipse	45,464	65.86%
Flap	5,453	7.90%
Graft - SSG	335	0.49%
Graft - FTSG	1,668	2.42%
No Closure	162	0.23%
Shave/Saucerisation	1,094	1.58%
Curettage & Cautery	8,986	13.02%
Liquid N2 freeze/thaw	652	0.94%
PDT	53	0.08%
Imiquimod	500	0.72%
5 FU cream	1,116	1.62%
GP referral	1,061	1.54%
Specialist referral	1,608	2.33%
Other	323	0.47%

Breakdown of definitive management procedures for benign conditions

Ellipse	5,629	78.51%
Flap	59	0.82%
Graft - SSG	1	0.01%
Graft - FTSG	11	0.15%
No Closure	33	0.46%
Shave/Saucerisation	321	4.48%
Liquid N2 freeze/thaw	94	1.31%
5 FU cream	103	1.44%
GP referral	97	1.35%
Specialist referral	53	0.74%
Other	151	2.11%

Procedures (continued)

Percentage of procedures/closures that were complex

Complex Closures	1.66% of 11,418
Complex Closures (inc Curettage & Cautery)	1.57% of 12,087

Locations

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

Nose	49	0.60% of 8,157
Lip	7	0.34% of 2,053
Ear	122	1.86% of 6,551
Eyelid	17	1.31% of 1,300
Other face	491	2.10% of 23,354
Scalp	161	2.59% of 6,208
Neck	246	3.27% of 7,514
Shoulder	416	6.44% of 6,464
Chest	319	3.80% of 8,392
Abdomen	140	7.26% of 1,929
Genitalia	4	2.06% of 194
Back	1782	8.87% of 20,081
Buttock	7	1.87% of 375
Arm	588	6.92% of 8,502
Forearm	345	3.44% of 10,032
Hand Dorsal	14	0.28% of 4,941
Hand Palmar	0	0% of 30
Finger Dorsal	2	0.25% of 811
Finger Nail	2	9.52% of 21
Finger Palmar	2	11.11% of 18
Thigh	286	6.64% of 4,308
Leg	597	3.40% of 17,571
Foot Dorsal	46	3.55% of 1,296
Foot Plantar	9	8.41% of 107
Toe Dorsal	13	6.07% of 214
Toe Nail	1	4.55% of 22
Toe Plantar	0	0% of 19
Palm Or Sole	0	0% of 0

