

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

Participants	Doctors	361	
	Patients	65,964	
Specimens	New lesions	110,852	83.22%
	Previously biopsied lesions	22,345	16.78%
	Total lesions	133,197	100.00%

Breakdown of new versus previously biopsied specimens


Percentage of new lesions tested which were malignant	63.11%
Percentage of Definitively excised lesions that were malignant	81.28%
Lesions tested to find one melanoma (NNT)	3.82
Percentage of lesions tested for NMSC which were NMSC	77.48%
Ratio of New BCCs : New Melanomas	8:1

Accuracy
Diagnostic sensitivity

Melanomas	76.97% of 4,494
All NMSC	95.52% of 61,547
BCCs	91.13% of 33,766
SCCs	81.44% of 27,433

Positive predictive value

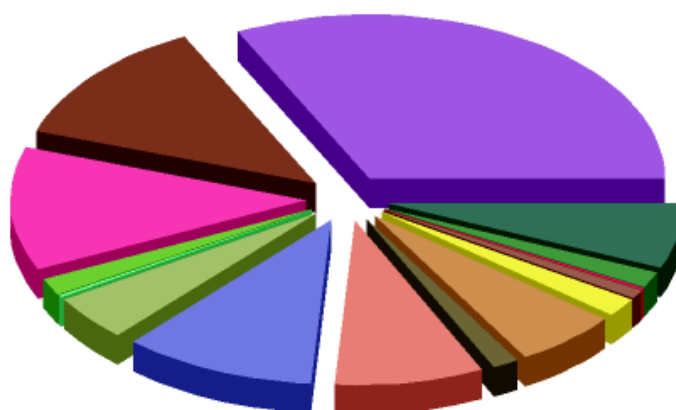
Melanomas	42.23% of 8,191
All NMSC	84.26% of 69,773
BCCs	44.10% of 69,773
SCCs	66.97% of 33,361

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

BCC	88.12% of 23,031
IEC/Bowens disease	85.21% of 4,781
SCC	84.03% of 8,902
Keratoacanthoma	89.55% of 1,302
Melanoma - in situ	77.46% of 2,861
Melanoma - invasive	76.02% of 709
Melanoma - invasive > 1mm	47.19% of 89
Other malignant	70.37% of 108

Lesion Breakdown
Histological Diagnosis

BCC (unspecified type)	3,370	3.04%
BCC - Superficial	9,075	8.18%
BCC - Nodular/Solid	17,913	16.14%
BCC - Aggressive	3,408	3.07%
IEC/Bowens disease	13,012	11.72%
SCC	12,687	11.43%
Keratoacanthoma	1,734	1.56%
Pinkus Fibroepithelioma	14	0.01%
Merkel cell tumour	21	0.02%
Other malignant	147	0.13%
NMSC Metastasis	0	0%
Melanoma - in situ	3,312	2.98%
Melanoma - invasive	923	0.83%
Melanoma - invasive > 1mm	236	0.21%
Melanoma - metastasis	23	0.02%
MELTUMP	166	0.15%
Naevus - other	5,519	4.97%
Naevus - dysplastic/Clark	3,325	3.00%
Naevus - blue	432	0.39%
Naevus - Spitz/Reed	124	0.11%
Naevus - Compound	1,682	1.52%
Solar keratosis	8,502	7.66%
Solar lentigo	1,377	1.24%
Seborrhoeic keratosis	5,935	5.35%
Lentigo Simplex	124	0.11%
Lichenoid keratosis (LPLK)	1,940	1.75%
Dermatofibroma	869	0.78%
Sebaceous gland hyperplasia	205	0.18%
Benign cyst	1,606	1.45%
Other benign	6,674	6.01%
Histology Pending	149	0.13%



BCC - 32.35%
IEC - 12.47%
SCC - 12.16%
Keratoacanthoma - 1.66%
Other malignant - 0.19%
Melanoma - 4.46%
Naevus - 10.62%
Solar keratosis - 8.15%
Solar lentigo - 1.44%
Seborrhoeic keratosis - 5.69%
Lichenoid keratosis - 1.86%
Dermatofibroma - 0.83%
Sebaceous gland - 0.20%
Benign cyst - 1.54%
Other benign - 6.39%

Procedures
Definitive Surgical Management used to exclude melanoma

Ellipse	3,530	85.64%
Flap	46	1.12%
Graft - SSG	2	0.05%
Graft - FTSG	17	0.41%
No Closure	17	0.41%
Shave/Saucerisation	107	2.60%
Curettage & Cautery	38	0.92%
Liquid N2 freeze/thaw	1	0.02%
PDT	0	0%
Imiquimod	1	0.02%
5 FU cream	1	0.02%
GP referral	280	6.79%
Specialist referral	62	1.50%
Other	20	0.49%

Biopsy used to exclude melanoma

Punch - sample	1,044	7.26%
Shave - sample	1,333	9.26%
Incisional	211	1.47%
Punch - removal	2,626	18.25%
Shave - removal	3,448	23.96%
Excisional	5,680	39.47%
Curettage	10	0.07%
Other	33	0.23%

Breakdown of definitive management procedures for malignant conditions

Ellipse	35,290	63.57%
Flap	4,155	7.48%
Graft - SSG	273	0.49%
Graft - FTSG	1,317	2.37%
No Closure	141	0.25%
Shave/Saucerisation	1,037	1.87%
Curettage & Cautery	8,492	15.30%
Liquid N2 freeze/thaw	461	0.83%
PDT	51	0.09%
Imiquimod	437	0.79%
5 FU cream	835	1.50%
GP referral	883	1.59%
Specialist referral	1,380	2.49%
Other	273	0.49%

Breakdown of definitive management procedures for benign conditions

Ellipse	4,314	76.94%
Flap	38	0.68%
Graft - SSG	1	0.02%
Graft - FTSG	10	0.18%
No Closure	31	0.55%
Shave/Saucerisation	263	4.69%
Liquid N2 freeze/thaw	92	1.64%
5 FU cream	93	1.66%
GP referral	92	1.64%
Specialist referral	47	0.84%
Other	133	2.37%

Procedures (continued)

Percentage of procedures/closures that were complex

Complex Closures	9.78% of 63,194
Complex Closures (inc Curettage & Cautery)	8.56% of 72,189

Locations

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

Nose	42	0.67% of 6,282
Lip	7	0.43% of 1,626
Ear	91	1.86% of 4,897
Eyelid	12	1.20% of 1,002
Other face	409	2.21% of 18,473
Scalp	130	2.67% of 4,869
Neck	192	3.15% of 6,089
Shoulder	335	6.44% of 5,198
Chest	249	3.67% of 6,782
Abdomen	112	7.45% of 1,503
Genitalia	3	1.86% of 161
Back	1364	8.48% of 16,088
Buttock	5	1.65% of 303
Arm	486	7.26% of 6,694
Forearm	285	3.71% of 7,688
Hand Dorsal	13	0.39% of 3,359
Hand Palmar	0	0% of 27
Finger Dorsal	2	0.38% of 521
Finger Nail	2	13.33% of 15
Finger Palmar	1	6.25% of 16
Thigh	217	6.19% of 3,508
Leg	477	3.36% of 14,205
Foot Dorsal	39	3.76% of 1,036
Foot Plantar	7	7.61% of 92
Toe Dorsal	11	6.25% of 176
Toe Nail	1	5.26% of 19
Toe Plantar	0	0% of 17
Palm Or Sole	0	0% of 0

