

SCARD Pool report for 01-01-2022 to 31-12-2022

Participants	Doctors	335	
	Patients	60,144	
Specimens	New lesions	105,563	86.20%
	Previously biopsied lesions	16,904	13.80%
	Total lesions	122,467	100.00%

Breakdown of new versus previously biopsied specimens


Percentage of new lesions tested which were malignant	65.46%
Percentage of Definitively excised lesions that were malignant	82.96%
Lesions tested to find one melanoma (NNT)	3.47
Percentage of lesions tested for NMSC which were NMSC	82.02%
Ratio of New BCCs : New Melanomas	8:1

Accuracy
Diagnostic sensitivity

Melanomas	78.09% of 4,157
All NMSC	95.69% of 60,477
BCCs	91.72% of 32,963
SCCs	81.14% of 27,167

Positive predictive value

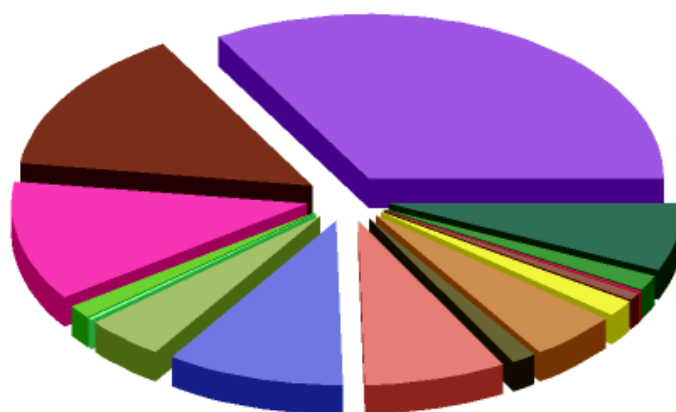
Melanomas	46.59% of 6,967
All NMSC	87.93% of 65,811
BCCs	45.94% of 65,811
SCCs	69.60% of 31,674

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

BCC	88.10% of 22,175
IEC/Bowens disease	84.97% of 5,973
SCC	83.65% of 8,085
Keratoacanthoma	90.52% of 1,002
Melanoma - in situ	74.69% of 2,537
Melanoma - invasive	75.98% of 741
Melanoma - invasive > 1mm	37.35% of 83
Other malignant	62.04% of 108

Lesion Breakdown
Histological Diagnosis

BCC (unspecified type)	138	0.13%
BCC - Superficial	9,871	9.34%
BCC - Nodular/Solid	19,217	18.18%
BCC - Aggressive	3,737	3.54%
IEC/Bowens disease	14,160	13.40%
SCC	11,650	11.02%
Keratoacanthoma	1,357	1.28%
Pinkus Fibroepithelioma	17	0.02%
Merkel cell tumour	13	0.01%
Other malignant	163	0.15%
NMSC Metastasis	12	0.01%
Melanoma - in situ	2,961	2.80%
Melanoma - invasive	945	0.89%
Melanoma - invasive > 1mm	225	0.21%
Melanoma - metastasis	26	0.02%
MELTUMP	142	0.13%
Naevus - other	5,346	5.06%
Naevus - dysplastic/Clark	2,945	2.79%
Naevus - blue	420	0.40%
Naevus - Spitz/Reed	100	0.09%
Naevus - Compound	786	0.74%
Solar keratosis	7,616	7.21%
Solar lentigo	1,263	1.20%
Seborrhoeic keratosis	4,743	4.49%
Lentigo Simplex	5	0.00%
Lichenoid keratosis (LPLK)	1,625	1.54%
Dermatofibroma	737	0.70%
Sebaceous gland hyperplasia	202	0.19%
Benign cyst	1,499	1.42%
Other benign	6,579	6.23%
Histology Pending	116	0.11%



BCC - 33.46%
IEC - 14.37%
SCC - 11.83%
Keratoacanthoma - 1.38%
Other malignant - 0.23%
Melanoma - 4.36%
Naevus - 9.74%
Solar keratosis - 7.73%
Solar lentigo - 1.29%
Seborrhoeic keratosis - 4.81%
Lichenoid keratosis - 1.65%
Dermatofibroma - 0.75%
Sebaceous gland - 0.21%
Benign cyst - 1.52%
Other benign - 6.68%

Procedures
Definitive Surgical Management used to exclude melanoma

Ellipse	3,047	85.14%
Flap	34	0.95%
Graft - SSG	6	0.17%
Graft - FTSG	9	0.25%
No Closure	1	0.03%
Shave/Saucerisation	22	0.61%
Curettage & Cautery	31	0.87%
Liquid N2 freeze/thaw	3	0.08%
PDT	0	0%
Imiquimod	1	0.03%
5 FU cream	2	0.06%
GP referral	276	7.71%
Specialist referral	127	3.55%
Other	15	0.42%

Biopsy used to exclude melanoma

Punch - sample	637	5.36%
Shave - sample	852	7.17%
Incisional	279	2.35%
Punch - removal	2,296	19.31%
Shave - removal	2,579	21.69%
Excisional	5,228	43.97%
Curettage	7	0.06%
Other	9	0.08%

Breakdown of definitive management procedures for malignant conditions

Ellipse	35,234	63.58%
Flap	4,246	7.66%
Graft - SSG	291	0.53%
Graft - FTSG	1,420	2.56%
No Closure	172	0.31%
Shave/Saucerisation	952	1.72%
Curettage & Cautery	8,139	14.69%
Liquid N2 freeze/thaw	343	0.62%
PDT	45	0.08%
Imiquimod	436	0.79%
5 FU cream	689	1.24%
GP referral	1,224	2.21%
Specialist referral	1,490	2.69%
Other	159	0.29%

Breakdown of definitive management procedures for benign conditions

Ellipse	4,344	77.75%
Flap	55	0.98%
Graft - SSG	3	0.05%
Graft - FTSG	7	0.13%
No Closure	10	0.18%
Shave/Saucerisation	210	3.76%
Liquid N2 freeze/thaw	92	1.65%
5 FU cream	64	1.15%
GP referral	99	1.77%
Specialist referral	27	0.48%
Other	120	2.15%

Procedures (continued)

Percentage of procedures/closures that were complex

Complex Closures	10.18% of 61,973
Complex Closures (inc Curettage & Cautery)	8.93% of 70,642

Locations

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

Nose	52	0.84% of 6,160
Lip	2	0.12% of 1,684
Ear	81	1.68% of 4,809
Eyelid	2	0.20% of 989
Other face	384	2.20% of 17,492
Scalp	108	2.38% of 4,544
Neck	191	3.38% of 5,645
Shoulder	280	5.60% of 5,004
Chest	212	3.37% of 6,293
Abdomen	115	8.47% of 1,357
Genitalia	1	0.74% of 135
Back	1362	8.71% of 15,636
Buttock	13	4.87% of 267
Arm	434	7.11% of 6,105
Forearm	259	3.50% of 7,410
Hand Dorsal	11	0.30% of 3,699
Hand Palmar	1	3.33% of 30
Finger Dorsal	0	0% of 625
Finger Nail	1	5.56% of 18
Finger Palmar	0	0% of 21
Thigh	186	5.88% of 3,161
Leg	417	3.23% of 12,911
Foot Dorsal	34	3.49% of 975
Foot Plantar	4	4.17% of 96
Toe Dorsal	5	3.31% of 151
Toe Nail	0	0% of 15
Toe Plantar	0	0% of 17
Palm Or Sole	0	0% of 0

