

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

Participants	Doctors	426	
	Patients	81,154	
Specimens	New lesions	141,811	82.59%
	Previously biopsied lesions	29,902	17.41%
	Total lesions	171,713	100.00%

Breakdown of new versus previously biopsied specimens

Percentage of new lesions tested which were malignant	62.31%
Percentage of Definitively excised lesions that were malignant	79.95%
Lesions tested to find one melanoma (NNT)	3.83
Percentage of lesions tested for NMSC which were NMSC	78.41%
Ratio of New BCCs : New Melanomas	7:1

Accuracy
Diagnostic sensitivity

Melanomas	77.93% of 5,705
All NMSC	95.34% of 77,671
BCCs	90.49% of 40,820
SCCs	81.71% of 36,451

Positive predictive value

Melanomas	42.55% of 10,449
All NMSC	85.59% of 86,512
BCCs	42.69% of 86,512
SCCs	66.24% of 44,964

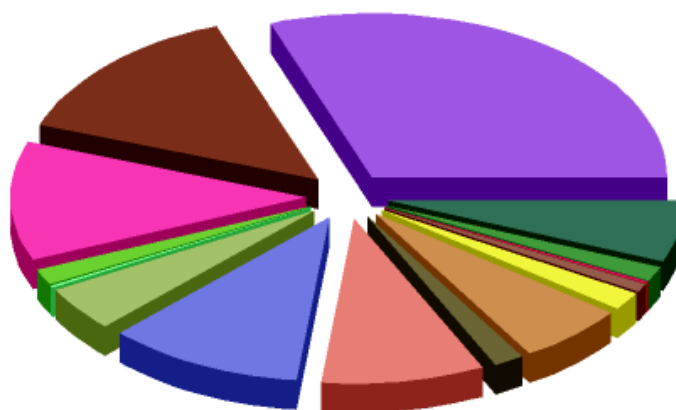
Adequacy
Percentage of definitively managed malignant cases where surgical margins were adequate

BCC	88.37% of 28,096
IEC/Bowens disease	86.52% of 7,817
SCC	85.16% of 10,885
Keratoacanthoma	90.09% of 1,625
Melanoma - in situ	77.63% of 3,599
Melanoma - invasive	75.33% of 900
Melanoma - invasive > 1mm	44.34% of 106
Other malignant	69.11% of 123

Lesion Breakdown
Histological Diagnosis

BCC (unspecified type)	5,229	3.68%
BCC - Superficial	10,542	7.42%
BCC - Nodular/Solid	21,057	14.83%
BCC - Aggressive	3,992	2.81%
IEC/Bowens disease	18,617	13.11%

SCC	1,154	1.51%
Keratoacanthoma	2,141	0.01%
Pinkus Fibroepithelioma	16	0.02%
Merkel cell tumour	25	0.12%
Other malignant	176	0%
NMSC Metastasis	0	3.00%
Melanoma - in situ	4,261	0.80%
Melanoma - invasive	1,136	0.20%
Melanoma - invasive > 1mm	283	0.02%
Melanoma - metastasis	25	0.13%
MELTUMP	183	5.12%
Naevus - other	7,275	2.97%
Naevus - dysplastic/Clark	4,212	0.37%
Naevus - blue	526	0.10%
Naevus - Spitz/Reed	145	1.55%
Naevus - Compound	2,201	8.38%
Solar keratosis	11,906	1.40%
Solar lentigo	1,993	5.56%
Seborrhoeic keratosis	7,899	0.10%
Lentigo Simplex	143	1.71%
Lichenoid keratosis (LPLK)	2,422	0.77%
Dermatofibroma	1,090	0.19%
Sebaceous gland hyperplasia	272	1.37%
Benign cyst	1,952	5.69%
Other benign	8,077	0.13%
Histology Pending	184	



BCC - 30.58%
IEC - 13.94%
SCC - 11.75%
Keratoacanthoma - 1.60%
Other malignant - 0.17%
Melanoma - 4.41%
Naevus - 10.76%
Solar keratosis - 8.92%
Solar lentigo - 1.60%
Seborrhoeic keratosis - 5.92%
Lichenoid keratosis - 1.81%
Dermatofibroma - 0.82%
Sebaceous gland - 0.20%
Benign cyst - 1.46%
Other benign - 6.05%

Procedures

Definitive Surgical Management used to exclude melanoma

Ellipse	4,644	86.38%
Flap	70	1.30%
Graft - SSG	5	0.09%
Graft - FTSG	21	0.39%
No Closure	17	0.32%
Shave/Saucerisation	117	2.18%
Curettage & Cautery	44	0.82%
Liquid N2 freeze/thaw	1	0.02%

PDT		
Imiquimod	1	0.02%
5 FU cream	1	0.02%
GP referral	353	6.57%
Specialist referral	72	1.34%
Other	30	0.56%

Biopsy used to exclude melanoma

Punch - sample	1,683	9.26%
Shave - sample	2,077	11.43%
Incisional	256	1.41%
Punch - removal	3,454	19.01%
Shave - removal	3,918	21.56%
Excisional	6,723	37.00%
Curettage	13	0.07%
Other	37	0.20%

Breakdown of definitive management procedures for malignant conditions

Ellipse	45,682	65.91%
Flap	5,490	7.92%
Graft - SSG	335	0.48%
Graft - FTSG	1,675	2.42%
No Closure	162	0.23%
Shave/Saucerisation	1,096	1.58%
Curettage & Cautery	8,991	12.97%
Liquid N2 freeze/thaw	652	0.94%
PDT	53	0.08%
Imiquimod	501	0.72%
5 FU cream	1,119	1.61%
GP referral	1,061	1.53%
Specialist referral	1,609	2.32%
Other	326	0.47%

Breakdown of definitive management procedures for benign conditions

Ellipse	5,701	78.70%
Flap	61	0.84%
Graft - SSG	1	0.01%
Graft - FTSG	11	0.15%
No Closure	33	0.46%
Shave/Saucerisation	321	4.43%
Liquid N2 freeze/thaw	94	1.30%
5 FU cream	103	1.42%
GP referral	97	1.34%
Specialist referral	53	0.73%
Other	151	2.08%

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

Complex Closures	1.58% of 11,446
Complex Closures (inc Curettage & Cautery)	1.49% of 12,111

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

Nose	49	0.60% of 8,191
Lip	7	0.34% of 2,062

Ear	17	1.31% of 1,301
Eyelid	495	2.11% of 23,492
Other face	162	2.59% of 6,247
Scalp	247	3.27% of 7,547
Neck	420	6.46% of 6,498
Shoulder	321	3.81% of 8,435
Chest	141	7.22% of 1,952
Abdomen	4	2.05% of 195
Genitalia	1793	8.86% of 20,228
Back	7	1.80% of 388
Buttock	591	6.90% of 8,566
Arm	348	3.45% of 10,095
Forearm	14	0.28% of 4,955
Hand Dorsal	0	0% of 30
Hand Palmar	2	0.25% of 812
Finger Dorsal	2	9.52% of 21
Finger Nail	2	10.53% of 19
Finger Palmar	288	6.59% of 4,368
Thigh	600	3.40% of 17,663
Leg	46	3.53% of 1,302
Foot Dorsal	10	9.09% of 110
Foot Plantar	13	6.02% of 216
Toe Dorsal	1	4.55% of 22
Toe Nail	0	0% of 19
Toe Plantar	0	0% of 0
Palm Or Sole	0	0% of 0

