

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

Participants	Doctors	433	
	Patients	82,467	
Specimens	New lesions	143,897	82.55%
	Previously biopsied lesions	30,422	17.45%
	Total lesions	174,319	100.00%

Breakdown of new versus previously biopsied specimens


Percentage of new lesions tested which were malignant	62.30%
Percentage of Definitively excised lesions that were malignant	79.78%
Lesions tested to find one melanoma (NNT)	3.80
Percentage of lesions tested for NMSC which were NMSC	78.48%
Ratio of New BCCs : New Melanomas	7:1

Accuracy
Diagnostic sensitivity

Melanomas	78.08% of 5,826
All NMSC	95.28% of 78,808
BCCs	90.39% of 41,478
SCCs	81.66% of 36,926

Positive predictive value

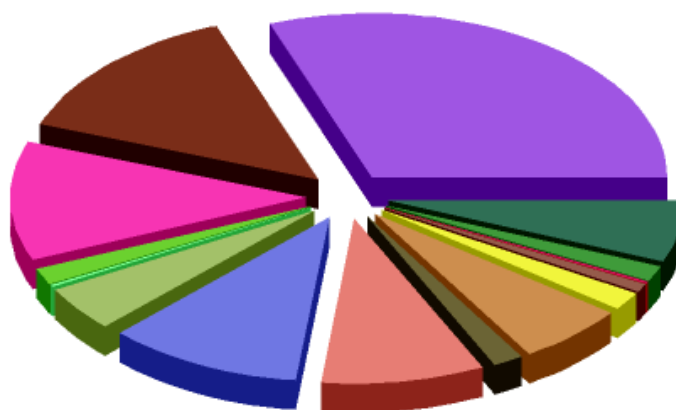
Melanomas	42.98% of 10,584
All NMSC	85.72% of 87,594
BCCs	42.80% of 87,594
SCCs	66.24% of 45,526

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

BCC	88.39% of 28,423
IEC/Bowens disease	86.44% of 7,900
SCC	85.30% of 11,030
Keratoacanthoma	90.16% of 1,647
Melanoma - in situ	77.37% of 3,654
Melanoma - invasive	75.52% of 907
Melanoma - invasive > 1mm	45.37% of 108
Other malignant	69.35% of 124

Lesion Breakdown
Histological Diagnosis

BCC (unspecified type)	5,679	3.94%
BCC - Superficial	10,568	7.33%
BCC - Nodular/Solid	21,217	14.73%
BCC - Aggressive	4,014	2.79%
IEC/Bowens disease	18,830	13.07%
SCC	15,915	11.05%
Keratoacanthoma	2,181	1.51%
Pinkus Fibroepithelioma	16	0.01%
Merkel cell tumour	27	0.02%
Other malignant	178	0.12%
NMSC Metastasis	0	0%
Melanoma - in situ	4,358	3.02%
Melanoma - invasive	1,157	0.80%
Melanoma - invasive > 1mm	286	0.20%
Melanoma - metastasis	25	0.02%
MELTUMP	183	0.13%
Naevus - other	7,431	5.16%
Naevus - dysplastic/Clark	4,233	2.94%
Naevus - blue	534	0.37%
Naevus - Spitz/Reed	145	0.10%
Naevus - Compound	2,212	1.54%
Solar keratosis	12,100	8.40%
Solar lentigo	2,014	1.40%
Seborrhoeic keratosis	8,059	5.59%
Lentigo Simplex	145	0.10%
Lichenoid keratosis (LPLK)	2,467	1.71%
Dermatofibroma	1,117	0.78%
Sebaceous gland hyperplasia	278	0.19%
Benign cyst	1,979	1.37%
Other benign	8,183	5.68%
Histology Pending	185	0.13%



BCC - 30.60%
IEC - 13.89%
SCC - 11.74%
Keratoacanthoma - 1.61%
Other malignant - 0.17%
Melanoma - 4.43%
Naevus - 10.74%
Solar keratosis - 8.93%
Solar lentigo - 1.59%
Seborrhoeic keratosis - 5.95%
Lichenoid keratosis - 1.82%
Dermatofibroma - 0.82%
Sebaceous gland - 0.21%
Benign cyst - 1.46%
Other benign - 6.04%

Procedures
Definitive Surgical Management used to exclude melanoma

Ellipse	4,739	86.45%
Flap	70	1.28%
Graft - SSG	5	0.09%
Graft - FTSG	21	0.38%
No Closure	17	0.31%
Shave/Saucerisation	124	2.26%
Curettage & Cautery	44	0.80%
Liquid N2 freeze/thaw	1	0.02%
PDT	0	0%
Imiquimod	1	0.02%
5 FU cream	1	0.02%
GP referral	353	6.44%
Specialist referral	75	1.37%
Other	31	0.57%

Biopsy used to exclude melanoma

Punch - sample	1,703	9.26%
Shave - sample	2,123	11.55%
Incisional	259	1.41%
Punch - removal	3,470	18.87%
Shave - removal	3,955	21.51%
Excisional	6,820	37.09%
Curettage	13	0.07%
Other	37	0.20%

Breakdown of definitive management procedures for malignant conditions

Ellipse	46,256	66.02%
Flap	5,527	7.89%
Graft - SSG	336	0.48%
Graft - FTSG	1,681	2.40%
No Closure	167	0.24%
Shave/Saucerisation	1,099	1.57%
Curettage & Cautery	9,046	12.91%
Liquid N2 freeze/thaw	655	0.93%
PDT	53	0.08%
Imiquimod	516	0.74%
5 FU cream	1,130	1.61%
GP referral	1,061	1.51%
Specialist referral	1,640	2.34%
Other	342	0.49%

Breakdown of definitive management procedures for benign conditions

Ellipse	5,826	78.57%
Flap	62	0.84%
Graft - SSG	1	0.01%
Graft - FTSG	11	0.15%
No Closure	34	0.46%
Shave/Saucerisation	348	4.69%
Liquid N2 freeze/thaw	96	1.29%
5 FU cream	103	1.39%
GP referral	97	1.31%
Specialist referral	57	0.77%
Other	153	2.06%

Procedures (continued)

Percentage of procedures/closures that were complex

Complex Closures	0.68% of 10,900
Complex Closures (inc Curettage & Cautery)	0.64% of 11,510

Locations

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

Nose	49	0.59% of 8,311
Lip	7	0.34% of 2,081
Ear	123	1.84% of 6,679
Eyelid	17	1.29% of 1,313
Other face	502	2.10% of 23,857
Scalp	165	2.61% of 6,327
Neck	252	3.30% of 7,647
Shoulder	431	6.50% of 6,631
Chest	328	3.83% of 8,566
Abdomen	143	7.20% of 1,987
Genitalia	4	2.02% of 198
Back	1844	8.97% of 20,553
Buttock	8	2.04% of 392
Arm	603	6.93% of 8,700
Forearm	353	3.45% of 10,229
Hand Dorsal	15	0.30% of 5,009
Hand Palmar	0	0% of 30
Finger Dorsal	2	0.24% of 820
Finger Nail	2	9.52% of 21
Finger Palmar	2	10.53% of 19
Thigh	292	6.60% of 4,427
Leg	610	3.41% of 17,910
Foot Dorsal	47	3.57% of 1,315
Foot Plantar	10	8.93% of 112
Toe Dorsal	13	5.99% of 217
Toe Nail	1	4.55% of 22
Toe Plantar	0	0% of 19
Palm Or Sole	0	0% of 0

