

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

Participants	Doctors	441	
	Patients	83,350	
Specimens	New lesions	145,390	82.56%
	Previously biopsied lesions	30,704	17.44%
	Total lesions	176,094	100.00%

Breakdown of new versus previously biopsied specimens


Percentage of new lesions tested which were malignant	62.35%
Percentage of Definitively excised lesions that were malignant	79.82%
Lesions tested to find one melanoma (NNT)	3.79
Percentage of lesions tested for NMSC which were NMSC	78.45%
Ratio of New BCCs : New Melanomas	7:1

Accuracy
Diagnostic sensitivity

Melanomas	78.07% of 5,900
All NMSC	95.27% of 79,758
BCCs	90.41% of 42,076
SCCs	81.61% of 37,273

Positive predictive value

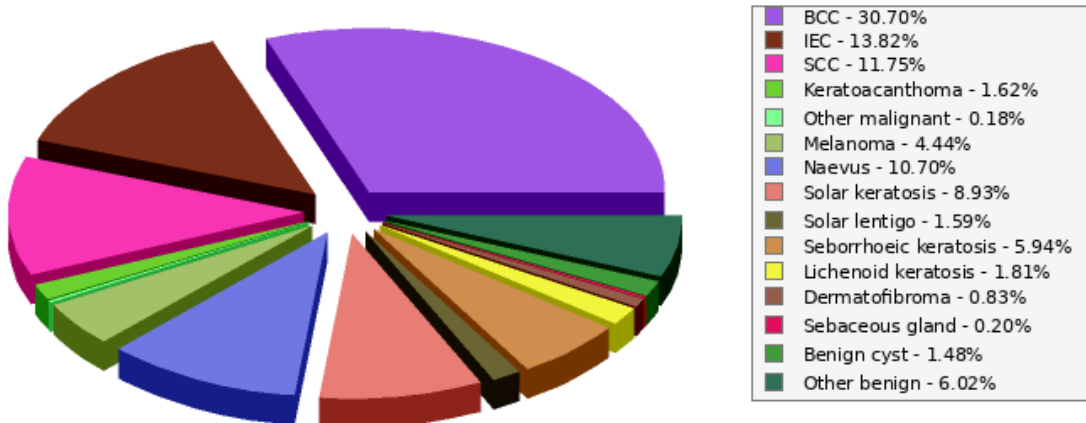
Melanomas	43.03% of 10,704
All NMSC	85.71% of 88,652
BCCs	42.91% of 88,652
SCCs	66.22% of 45,932

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

BCC	88.45% of 28,843
IEC/Bowens disease	86.47% of 7,939
SCC	85.34% of 11,174
Keratoacanthoma	90.28% of 1,677
Melanoma - in situ	77.31% of 3,697
Melanoma - invasive	75.55% of 916
Melanoma - invasive > 1mm	44.95% of 109
Other malignant	70.31% of 128

Lesion Breakdown
Histological Diagnosis

BCC (unspecified type)	5,693	3.91%
BCC - Superficial	10,648	7.31%
BCC - Nodular/Solid	21,629	14.86%
BCC - Aggressive	4,106	2.82%
IEC/Bowens disease	18,943	13.01%
SCC	16,108	11.06%
Keratoacanthoma	2,222	1.53%
Pinkus Fibroepithelioma	16	0.01%
Merkel cell tumour	28	0.02%
Other malignant	182	0.13%
NMSC Metastasis	0	0%
Melanoma - in situ	4,403	3.02%
Melanoma - invasive	1,174	0.81%
Melanoma - invasive > 1mm	297	0.20%
Melanoma - metastasis	26	0.02%
MELTUMP	183	0.13%
Naevus - other	7,488	5.14%
Naevus - dysplastic/Clark	4,274	2.94%
Naevus - blue	538	0.37%
Naevus - Spitz/Reed	144	0.10%
Naevus - Compound	2,225	1.53%
Solar keratosis	12,240	8.41%
Solar lentigo	2,037	1.40%
Seborrhoeic keratosis	8,141	5.59%
Lentigo Simplex	146	0.10%
Lichenoid keratosis (LPLK)	2,476	1.70%
Dermatofibroma	1,131	0.78%
Sebaceous gland hyperplasia	278	0.19%
Benign cyst	2,022	1.39%
Other benign	8,256	5.67%
Histology Pending	192	0.13%



Procedures
Definitive Surgical Management used to exclude melanoma

Ellipse	4,778	86.61%
Flap	70	1.27%
Graft - SSG	5	0.09%
Graft - FTSG	21	0.38%
No Closure	17	0.31%
Shave/Saucerisation	117	2.12%
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	6.40%
Specialist referral	78	1.41%
Other	31	0.56%

Biopsy used to exclude melanoma

Punch - sample	1,711	9.22%
Shave - sample	2,132	11.49%
Incisional	264	1.42%
Punch - removal	3,511	18.92%
Shave - removal	4,003	21.57%
Excisional	6,880	37.07%
Curettage	13	0.07%
Other	37	0.20%

Breakdown of definitive management procedures for malignant conditions

Ellipse	46,732	65.99%
Flap	5,646	7.97%
Graft - SSG	336	0.47%
Graft - FTSG	1,747	2.47%
No Closure	176	0.25%
Shave/Saucerisation	1,088	1.54%
Curettage & Cautery	9,052	12.78%
Liquid N2 freeze/thaw	663	0.94%
PDT	53	0.07%
Imiquimod	540	0.76%
5 FU cream	1,141	1.61%
GP referral	1,061	1.50%
Specialist referral	1,666	2.35%
Other	345	0.49%

Breakdown of definitive management procedures for benign conditions

Ellipse	5,909	78.80%
Flap	63	0.84%
Graft - SSG	1	0.01%
Graft - FTSG	11	0.15%
No Closure	34	0.45%
Shave/Saucerisation	345	4.60%
Liquid N2 freeze/thaw	98	1.31%
5 FU cream	103	1.37%
GP referral	97	1.29%
Specialist referral	58	0.77%
Other	153	2.04%

Procedures (continued)

Percentage of procedures/closures that were complex

Complex Closures	0.68% of 10,993
Complex Closures (inc Curettage & Cautery)	0.65% of 11,603

Locations

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

Nose	49	0.58% of 8,406
Lip	8	0.38% of 2,118
Ear	125	1.85% of 6,746
Eyelid	17	1.28% of 1,327
Other face	516	2.14% of 24,155
Scalp	169	2.63% of 6,425
Neck	254	3.29% of 7,730
Shoulder	437	6.50% of 6,721
Chest	331	3.83% of 8,648
Abdomen	144	7.17% of 2,007
Genitalia	4	2.01% of 199
Back	1859	8.97% of 20,715
Buttock	9	2.27% of 397
Arm	611	6.97% of 8,765
Forearm	358	3.47% of 10,308
Hand Dorsal	15	0.30% of 5,074
Hand Palmar	0	0% of 30
Finger Dorsal	2	0.24% of 825
Finger Nail	2	9.52% of 21
Finger Palmar	2	10.53% of 19
Thigh	297	6.64% of 4,470
Leg	616	3.41% of 18,074
Foot Dorsal	47	3.54% of 1,327
Foot Plantar	10	8.77% of 114
Toe Dorsal	14	6.36% of 220
Toe Nail	1	4.55% of 22
Toe Plantar	0	0% of 19
Palm Or Sole	0	0% of 0

