

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

Participants	Doctors	417	
	Patients	79,447	
Specimens	New lesions	139,260	82.52%
	Previously biopsied lesions	29,509	17.48%
	Total lesions	168,769	100.00%

Breakdown of new versus previously biopsied specimens


Percentage of new lesions tested which were malignant	62.56%
Percentage of Definitively excised lesions that were malignant	80.15%
Lesions tested to find one melanoma (NNT)	3.80
Percentage of lesions tested for NMSC which were NMSC	78.61%
Ratio of New BCCs : New Melanomas	7:1

Accuracy
Diagnostic sensitivity

Melanomas	77.85% of 5,570
All NMSC	95.31% of 76,508
BCCs	90.41% of 40,068
SCCs	81.76% of 36,045

Positive predictive value

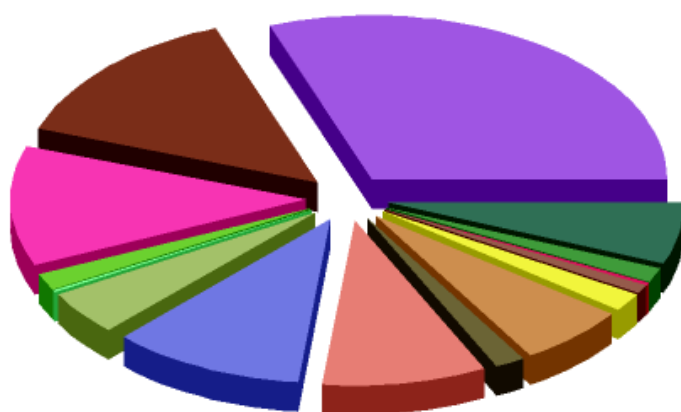
Melanomas	42.29% of 10,253
All NMSC	85.71% of 85,076
BCCs	42.58% of 85,076
SCCs	66.28% of 44,461

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

BCC	88.47% of 27,445
IEC/Bowens disease	86.58% of 7,730
SCC	85.19% of 10,699
Keratoacanthoma	90.35% of 1,586
Melanoma - in situ	78.06% of 3,483
Melanoma - invasive	76.57% of 858
Melanoma - invasive > 1mm	45.63% of 103
Other malignant	69.67% of 122

Lesion Breakdown
Histological Diagnosis

BCC (unspecified type)	5,218	3.74%
BCC - Superficial	10,334	7.41%
BCC - Nodular/Solid	20,621	14.79%
BCC - Aggressive	3,895	2.79%
IEC/Bowens disease	18,458	13.24%
SCC	15,493	11.11%
Keratoacanthoma	2,094	1.50%
Pinkus Fibroepithelioma	16	0.01%
Merkel cell tumour	25	0.02%
Other malignant	174	0.12%
NMSC Metastasis	0	0%
Melanoma - in situ	4,174	2.99%
Melanoma - invasive	1,097	0.79%
Melanoma - invasive > 1mm	275	0.20%
Melanoma - metastasis	24	0.02%
MELTUMP	180	0.13%
Naevus - other	6,998	5.02%
Naevus - dysplastic/Clark	4,060	2.91%
Naevus - blue	504	0.36%
Naevus - Spitz/Reed	141	0.10%
Naevus - Compound	2,107	1.51%
Solar keratosis	11,706	8.40%
Solar lentigo	1,942	1.39%
Seborrhoeic keratosis	7,765	5.57%
Lentigo Simplex	140	0.10%
Lichenoid keratosis (LPLK)	2,377	1.70%
Dermatofibroma	1,051	0.75%
Sebaceous gland hyperplasia	267	0.19%
Benign cyst	1,891	1.36%
Other benign	7,860	5.64%
Histology Pending	178	0.13%



BCC - 30.61%
IEC - 14.10%
SCC - 11.84%
Keratoacanthoma - 1.60%
Other malignant - 0.18%
Melanoma - 4.39%
Naevus - 10.55%
Solar keratosis - 8.94%
Solar lentigo - 1.59%
Seborrhoeic keratosis - 5.93%
Lichenoid keratosis - 1.82%
Dermatofibroma - 0.80%
Sebaceous gland - 0.20%
Benign cyst - 1.44%
Other benign - 6.00%

Procedures
Definitive Surgical Management used to exclude melanoma

Ellipse	4,362	85.73%
Flap	66	1.30%
Graft - SSG	5	0.10%
Graft - FTSG	21	0.41%
No Closure	17	0.33%
Shave/Saucerisation	117	2.30%
Curettage & Cautery	44	0.86%
Liquid N2 freeze/thaw	1	0.02%
PDT	0	0%
Imiquimod	1	0.02%
5 FU cream	1	0.02%
GP referral	353	6.94%
Specialist referral	71	1.40%
Other	29	0.57%

Biopsy used to exclude melanoma

Punch - sample	1,639	9.23%
Shave - sample	2,062	11.62%
Incisional	247	1.39%
Punch - removal	3,265	18.39%
Shave - removal	3,856	21.72%
Excisional	6,626	37.33%
Curettage	13	0.07%
Other	36	0.20%

Breakdown of definitive management procedures for malignant conditions

Ellipse	44,818	65.71%
Flap	5,384	7.89%
Graft - SSG	333	0.49%
Graft - FTSG	1,628	2.39%
No Closure	160	0.23%
Shave/Saucerisation	1,093	1.60%
Curettage & Cautery	8,986	13.17%
Liquid N2 freeze/thaw	650	0.95%
PDT	53	0.08%
Imiquimod	482	0.71%
5 FU cream	1,107	1.62%
GP referral	1,060	1.55%
Specialist referral	1,584	2.32%
Other	318	0.47%

Breakdown of definitive management procedures for benign conditions

Ellipse	5,400	77.94%
Flap	55	0.79%
Graft - SSG	1	0.01%
Graft - FTSG	11	0.16%
No Closure	33	0.48%
Shave/Saucerisation	321	4.63%
Liquid N2 freeze/thaw	93	1.34%
5 FU cream	101	1.46%
GP referral	97	1.40%
Specialist referral	51	0.74%
Other	148	2.14%

Procedures (continued)

Percentage of procedures/closures that were complex

Complex Closures	1.86% of 11,283
Complex Closures (inc Curettage & Cautery)	1.76% of 11,962

Locations

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

Nose	49	0.61% of 8,048
Lip	7	0.35% of 2,023
Ear	118	1.82% of 6,490
Eyelid	17	1.32% of 1,290
Other face	485	2.10% of 23,060
Scalp	158	2.57% of 6,139
Neck	239	3.22% of 7,418
Shoulder	411	6.47% of 6,356
Chest	314	3.79% of 8,281
Abdomen	139	7.39% of 1,882
Genitalia	4	2.11% of 190
Back	1750	8.83% of 19,824
Buttock	7	1.89% of 370
Arm	577	6.88% of 8,387
Forearm	344	3.45% of 9,977
Hand Dorsal	14	0.29% of 4,911
Hand Palmar	0	0% of 30
Finger Dorsal	2	0.25% of 805
Finger Nail	2	10.00% of 20
Finger Palmar	1	6.25% of 16
Thigh	277	6.53% of 4,244
Leg	583	3.36% of 17,371
Foot Dorsal	46	3.61% of 1,274
Foot Plantar	9	8.57% of 105
Toe Dorsal	13	6.13% of 212
Toe Nail	1	4.76% of 21
Toe Plantar	0	0% of 19
Palm Or Sole	0	0% of 0

