

SCARD Pool report for 01-01-2020 to 31-12-2020

Participants	Doctors	401	
	Patients	59,878	
Specimens	New lesions	113,998	85.36%
	Previously biopsied lesions	19,550	14.64%
	Total lesions	133,548	100.00%

Breakdown of new versus previously biopsied specimens 

Percentage of new lesions tested which were malignant	62.20%
Percentage of Definitively excised lesions that were malignant	79.95%
Lesions tested to find one melanoma (NNT)	3.97
Percentage of lesions tested for NMSC which were NMSC	75.81%
Ratio of New BCCs : New Melanomas	9:1

Accuracy
Diagnostic sensitivity

Melanomas	75.49% of 3,864
All NMSC	95.69% of 64,714
BCCs	90.97% of 34,703
SCCs	82.76% of 29,656

Positive predictive value

Melanomas	41.56% of 7,019
All NMSC	81.66% of 75,835
BCCs	41.63% of 75,835
SCCs	65.71% of 37,352

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

BCC	87.77% of 23,276
IEC/Bowens disease	77.29% of 8,732
SCC	87.00% of 8,444
Keratoacanthoma	90.82% of 1,035
Melanoma - in situ	75.76% of 2,591
Melanoma - invasive	73.28% of 610
Melanoma - invasive > 1mm	42.72% of 103
Other malignant	71.32% of 129

Lesion Breakdown
Histological Diagnosis

BCC (unspecified type)	118	0.10%
BCC - Superficial	10,838	9.49%
BCC - Nodular/Solid	19,227	16.84%
BCC - Aggressive	4,520	3.96%
IEC/Bowens disease	16,462	14.42%

Keratoacanthoma	1,556	1.36%
Pinkus Fibroepithelioma	16	0.01%
Merkel cell tumour	13	0.01%
Other malignant	161	0.14%
NMSC Metastasis	3	0.00%
Melanoma - in situ	2,831	2.48%
Melanoma - invasive	771	0.68%
Melanoma - invasive > 1mm	234	0.20%
Melanoma - metastasis	28	0.02%
MELTUMP	162	0.14%
Naevus - other	7,057	6.18%
Naevus - dysplastic/Clark	3,168	2.77%
Naevus - blue	397	0.35%
Naevus - Spitz/Reed	119	0.10%
Naevus - Compound	15	0.01%
Solar keratosis	10,530	9.22%
Solar lentigo	1,365	1.20%
Seborrhoeic keratosis	5,897	5.17%
Lentigo Simplex	1	0.00%
Lichenoid keratosis (LPLK)	2,159	1.89%
Dermatofibroma	832	0.73%
Sebaceous gland hyperplasia	272	0.24%
Benign cyst	1,804	1.58%
Other benign	7,780	6.81%
Histology Pending	165	0.14%



Procedures

Definitive Surgical Management used to exclude melanoma

Ellipse	2,995	86.54%
Flap	55	1.59%
Graft - SSG	2	0.06%
Graft - FTSG	12	0.35%
No Closure	11	0.32%
Shave/Saucerisation	83	2.40%
Curettage & Cautery	17	0.49%
Liquid N2 freeze/thaw	6	0.17%
PDT	0	0%
Imiquimod	0	0%
5 FU cream	1	0.03%
GP referral	183	5.29%
Specialist referral	82	2.37%
Other	7	0.20%

Biopsy used to exclude melanoma

Punch - sample	678	5.45%
Shave - sample	1,390	11.17%
Incisional	231	1.86%
Punch - removal	2,221	17.85%
Shave - removal	2,781	22.35%
Excisional	5,037	40.47%
Curettage	44	0.35%
Other	61	0.49%

Breakdown of definitive management procedures for malignant conditions		
Ellipse	38,445	63.96%
Flap	5,594	9.31%
Graft - SSG	370	0.62%
Graft - FTSG	1,367	2.27%
No Closure	253	0.42%
Shave/Saucerisation	1,039	1.73%
Curettage & Cautery	6,950	11.56%
Liquid N2 freeze/thaw	709	1.18%
PDT	85	0.14%
Imiquimod	552	0.92%
5 FU cream	1,172	1.95%
GP referral	932	1.55%
Specialist referral	1,869	3.11%
Other	187	0.31%
Breakdown of definitive management procedures for benign conditions		
Ellipse	5,285	75.55%
Flap	94	1.34%
Graft - SSG	2	0.03%
Graft - FTSG	9	0.13%
No Closure	45	0.64%
Shave/Saucerisation	452	6.46%
Liquid N2 freeze/thaw	220	3.15%
5 FU cream	117	1.67%
GP referral	84	1.20%
Specialist referral	36	0.51%
Other	100	1.43%

Procedures (continued)

Percentage of procedures/closures that were complex

Complex Closures	1.07% of 9,794
Complex Closures (inc Curettage & Cautery)	1.02% of 10,306

Locations

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

Nose	34	0.51% of 6,720
Lip	5	0.29% of 1,751
Ear	105	2.05% of 5,110
Eyelid	8	0.77% of 1,043
Other face	331	1.78% of 18,583
Scalp	105	2.26% of 4,636
Neck	144	2.44% of 5,899
Shoulder	268	5.06% of 5,299
Chest	185	2.72% of 6,810
Abdomen	100	6.60% of 1,516
Genitalia	1	0.63% of 159
Back	1286	8.07% of 15,932
Buttock	7	2.50% of 280
Arm	441	6.56% of 6,719
Forearm	216	2.60% of 8,312
Hand Dorsal	8	0.17% of 4,762
Hand Palmar	0	0% of 32

Finger Dorsal	
Finger Nail	
Finger Palmar	
Thigh	209
Leg	376
Foot Dorsal	22
Foot Plantar	5
Toe Dorsal	3
Toe Nail	0
Toe Plantar	1
Palm Or Sole	0

SCARD Surgical Audit Report

Report for SCARD 2021

1	4.35% of 23
0	0% of 17
209	6.02% of 3,474
376	2.67% of 14,108
22	1.96% of 1,121
5	5.21% of 96
3	1.96% of 153
0	0% of 15
1	4.76% of 21
0	0% of 0

