

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

Participants	Doctors	396	
	Patients	59,605	
Specimens	New lesions	113,647	85.36%
	Previously biopsied lesions	19,491	14.64%
	Total lesions	133,138	100.00%

Breakdown of new versus previously biopsied specimens


Percentage of new lesions tested which were malignant	62.24%
Percentage of Definitively excised lesions that were malignant	80.04%
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	75.34% of 3,836
All NMSC	95.69% of 64,572
BCCs	90.96% of 34,621
SCCs	82.77% of 29,597

Positive predictive value

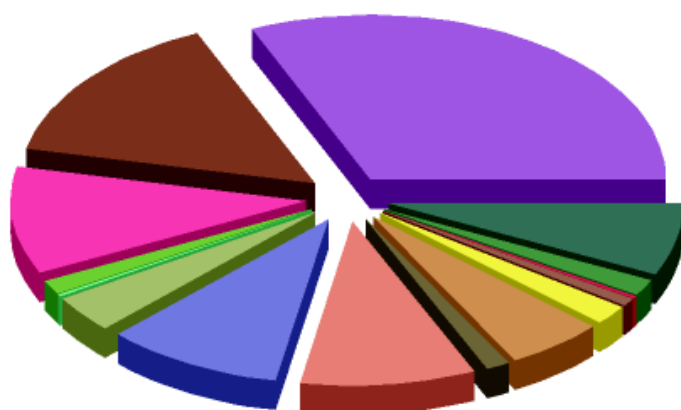
Melanomas	41.45% of 6,972
All NMSC	81.67% of 75,661
BCCs	41.62% of 75,661
SCCs	65.72% of 37,274

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

BCC	87.77% of 23,205
IEC/Bowens disease	77.29% of 8,728
SCC	86.98% of 8,403
Keratoacanthoma	90.79% of 1,032
Melanoma - in situ	75.75% of 2,581
Melanoma - invasive	73.10% of 606
Melanoma - invasive > 1mm	42.16% of 102
Other malignant	71.32% of 129

Lesion Breakdown
Histological Diagnosis

BCC (unspecified type)	118	0.10%
BCC - Superficial	10,828	9.51%
BCC - Nodular/Solid	19,164	16.84%
BCC - Aggressive	4,511	3.96%
IEC/Bowens disease	16,451	14.45%
SCC	11,593	10.19%
Keratoacanthoma	1,553	1.36%
Pinkus Fibroepithelioma	16	0.01%
Merkel cell tumour	13	0.01%
Other malignant	160	0.14%
NMSC Metastasis	3	0.00%
Melanoma - in situ	2,811	2.47%
Melanoma - invasive	765	0.67%
Melanoma - invasive > 1mm	232	0.20%
Melanoma - metastasis	28	0.02%
MELTUMP	162	0.14%
Naevus - other	6,998	6.15%
Naevus - dysplastic/Clark	3,157	2.77%
Naevus - blue	395	0.35%
Naevus - Spitz/Reed	119	0.10%
Naevus - Compound	15	0.01%
Solar keratosis	10,506	9.23%
Solar lentigo	1,361	1.20%
Seborrhoeic keratosis	5,878	5.16%
Lentigo Simplex	1	0.00%
Lichenoid keratosis (LPLK)	2,153	1.89%
Dermatofibroma	830	0.73%
Sebaceous gland hyperplasia	272	0.24%
Benign cyst	1,789	1.57%
Other benign	7,737	6.80%
Histology Pending	164	0.14%



BCC - 31.58%
IEC - 15.01%
SCC - 10.57%
Keratoacanthoma - 1.42%
Other malignant - 0.19%
Melanoma - 3.65%
Naevus - 9.75%
Solar keratosis - 9.58%
Solar lentigo - 1.24%
Seborrhoeic keratosis - 5.36%
Lichenoid keratosis - 1.96%
Dermatofibroma - 0.76%
Sebaceous gland - 0.25%
Benign cyst - 1.63%
Other benign - 7.06%

Procedures
Definitive Surgical Management used to exclude melanoma

Ellipse	2,989	87.14%
Flap	54	1.57%
Graft - SSG	2	0.06%
Graft - FTSG	12	0.35%
No Closure	11	0.32%
Shave/Saucerisation	65	1.90%
Curettage & Cautery	17	0.50%
Liquid N2 freeze/thaw	6	0.17%
PDT	0	0%
Imiquimod	0	0%
5 FU cream	1	0.03%
GP referral	179	5.22%
Specialist referral	80	2.33%
Other	7	0.20%

Biopsy used to exclude melanoma

Punch - sample	677	5.47%
Shave - sample	1,390	11.22%
Incisional	231	1.87%
Punch - removal	2,214	17.88%
Shave - removal	2,762	22.30%
Excisional	5,005	40.41%
Curettage	44	0.36%
Other	61	0.49%

Breakdown of definitive management procedures for malignant conditions

Ellipse	38,335	63.94%
Flap	5,584	9.31%
Graft - SSG	369	0.62%
Graft - FTSG	1,364	2.27%
No Closure	249	0.42%
Shave/Saucerisation	1,039	1.73%
Curettage & Cautery	6,949	11.59%
Liquid N2 freeze/thaw	707	1.18%
PDT	85	0.14%
Imiquimod	549	0.92%
5 FU cream	1,170	1.95%
GP referral	931	1.55%
Specialist referral	1,855	3.09%
Other	187	0.31%

Breakdown of definitive management procedures for benign conditions

Ellipse	5,240	75.93%
Flap	94	1.36%
Graft - SSG	2	0.03%
Graft - FTSG	9	0.13%
No Closure	43	0.62%
Shave/Saucerisation	406	5.88%
Liquid N2 freeze/thaw	220	3.19%
5 FU cream	117	1.70%
GP referral	83	1.20%
Specialist referral	36	0.52%
Other	100	1.45%

Procedures (continued)

Percentage of procedures/closures that were complex

Complex Closures	11.04% of 48,476
Complex Closures (inc Curettage & Cautery)	9.98% of 53,651

Locations

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

Nose	34	0.51% of 6,707
Lip	5	0.29% of 1,750
Ear	104	2.04% of 5,097
Eyelid	8	0.77% of 1,041
Other face	328	1.77% of 18,532
Scalp	104	2.25% of 4,622
Neck	143	2.43% of 5,873
Shoulder	265	5.02% of 5,278
Chest	185	2.72% of 6,791
Abdomen	100	6.64% of 1,507
Genitalia	1	0.63% of 159
Back	1279	8.06% of 15,877
Buttock	7	2.52% of 278
Arm	439	6.56% of 6,694
Forearm	214	2.58% of 8,307
Hand Dorsal	8	0.17% of 4,745
Hand Palmar	0	0% of 32
Finger Dorsal	0	0% of 992
Finger Nail	1	4.35% of 23
Finger Palmar	0	0% of 16
Thigh	208	6.02% of 3,454
Leg	370	2.63% of 14,057
Foot Dorsal	22	1.97% of 1,118
Foot Plantar	5	5.21% of 96
Toe Dorsal	3	1.96% of 153
Toe Nail	0	0% of 15
Toe Plantar	1	4.76% of 21
Palm Or Sole	0	0% of 0

