

**SCARD Pool report for 01-01-2019 to 31-12-2019**

<b>Participants</b>	Doctors	437	
	Patients	57,223	
<b>Specimens</b>	New lesions	104,609	84.66%
	Previously biopsied lesions	18,950	15.34%
	Total lesions	123,559	100.00%

**Breakdown of new versus previously biopsied specimens**


Percentage of new lesions tested which were malignant	62.18%
Percentage of Definitively excised lesions that were malignant	80.65%
Lesions tested to find one melanoma (NNT)	4.05
Percentage of lesions tested for NMSC which were NMSC	79.45%
Ratio of New BCCs : New Melanomas	8:1

**Accuracy**
**Diagnostic sensitivity**

Melanomas	76.05% of 3,845
All NMSC	95.58% of 59,635
BCCs	91.37% of 32,674
SCCs	82.58% of 26,587

**Positive predictive value**

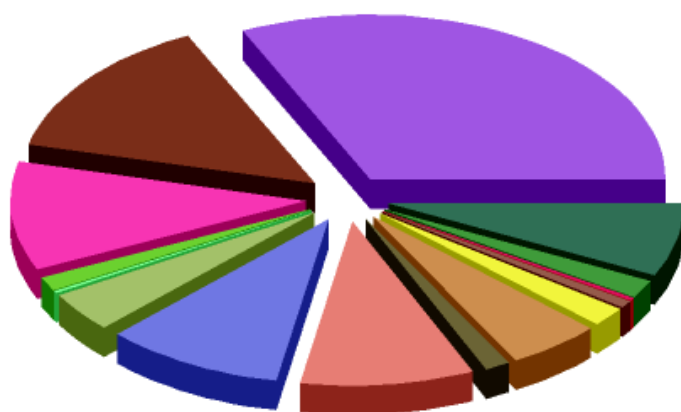
Melanomas	44.86% of 6,518
All NMSC	85.49% of 66,670
BCCs	44.78% of 66,670
SCCs	65.49% of 33,526

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

BCC	86.85% of 22,662
IEC/Bowens disease	74.65% of 6,293
SCC	86.17% of 7,785
Keratoacanthoma	87.20% of 984
Melanoma - in situ	75.34% of 2,644
Melanoma - invasive	69.14% of 619
Melanoma - invasive > 1mm	47.66% of 107
Other malignant	63.64% of 99

**Lesion Breakdown**  
**Histological Diagnosis**

BCC (unspecified type)	228	0.22%
BCC - Superficial	9,787	9.35%
BCC - Nodular/Solid	17,987	17.18%
BCC - Aggressive	4,672	4.46%
IEC/Bowens disease	14,288	13.64%
SCC	10,889	10.40%
Keratoacanthoma	1,410	1.35%
Pinkus Fibroepithelioma	10	0.01%
Merkel cell tumour	14	0.01%
Other malignant	166	0.16%
NMSC Metastasis	3	0.00%
Melanoma - in situ	2,795	2.67%
Melanoma - invasive	790	0.75%
Melanoma - invasive > 1mm	216	0.21%
Melanoma - metastasis	44	0.04%
MELTUMP	181	0.17%
Naevus - other	6,084	5.81%
Naevus - dysplastic/Clark	3,321	3.17%
Naevus - blue	445	0.42%
Naevus - Spitz/Reed	128	0.12%
Naevus - Compound	1	0.00%
Solar keratosis	9,659	9.22%
Solar lentigo	1,383	1.32%
Seborrhoeic keratosis	5,202	4.97%
Lentigo Simplex	2	0.00%
Lichenoid keratosis (LPLK)	1,994	1.90%
Dermatofibroma	751	0.72%
Sebaceous gland hyperplasia	245	0.23%
Benign cyst	1,808	1.73%
Other benign	7,277	6.95%
Histology Pending	118	0.11%



BCC - 32.10%
IEC - 14.04%
SCC - 10.70%
Keratoacanthoma - 1.39%
Other malignant - 0.20%
Melanoma - 3.96%
Naevus - 9.80%
Solar keratosis - 9.49%
Solar lentigo - 1.36%
Seborrhoeic keratosis - 5.11%
Lichenoid keratosis - 1.96%
Dermatofibroma - 0.74%
Sebaceous gland - 0.24%
Benign cyst - 1.78%
Other benign - 7.15%

**Procedures**
**Definitive Surgical Management used to exclude melanoma**

Ellipse	2,828	85.62%
Flap	60	1.82%
Graft - SSG	3	0.09%
Graft - FTSG	6	0.18%
No Closure	14	0.42%
Shave/Saucerisation	85	2.57%
Curettage & Cautery	28	0.85%
Liquid N2 freeze/thaw	0	0%
PDT	0	0%
Imiquimod	0	0%
5 FU cream	0	0%
GP referral	231	6.99%
Specialist referral	36	1.09%
Other	6	0.18%

**Biopsy used to exclude melanoma**

Punch - sample	891	6.99%
Shave - sample	1,204	9.45%
Incisional	285	2.24%
Punch - removal	2,680	21.04%
Shave - removal	2,641	20.73%
Excisional	4,991	39.18%
Curettage	14	0.11%
Other	25	0.20%

**Breakdown of definitive management procedures for malignant conditions**

Ellipse	34,390	63.12%
Flap	4,882	8.96%
Graft - SSG	341	0.63%
Graft - FTSG	1,228	2.25%
No Closure	233	0.43%
Shave/Saucerisation	929	1.71%
Curettage & Cautery	6,262	11.49%
Liquid N2 freeze/thaw	734	1.35%
PDT	110	0.20%
Imiquimod	548	1.01%
5 FU cream	1,293	2.37%
GP referral	1,277	2.34%
Specialist referral	1,485	2.73%
Other	235	0.43%

**Breakdown of definitive management procedures for benign conditions**

Ellipse	5,034	73.77%
Flap	74	1.08%
Graft - SSG	4	0.06%
Graft - FTSG	15	0.22%
No Closure	45	0.66%
Shave/Saucerisation	504	7.39%
Liquid N2 freeze/thaw	278	4.07%
5 FU cream	108	1.58%
GP referral	111	1.63%
Specialist referral	35	0.51%
Other	99	1.45%

## Procedures (continued)

### Percentage of procedures/closures that were complex

Complex Closures	10.45% of 55,371
Complex Closures (inc Curettage & Cautery)	9.47% of 61,064

## Locations

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

Nose	28	0.47% of 6,017
Lip	3	0.17% of 1,739
Ear	94	2.13% of 4,419
Eyelid	4	0.39% of 1,014
Other face	368	2.13% of 17,316
Scalp	86	2.18% of 3,937
Neck	170	3.14% of 5,414
Shoulder	262	5.32% of 4,921
Chest	215	3.45% of 6,238
Abdomen	90	6.50% of 1,384
Genitalia	1	0.74% of 135
Back	1199	8.01% of 14,975
Buttock	15	5.86% of 256
Arm	414	6.51% of 6,357
Forearm	232	2.82% of 8,220
Hand Dorsal	11	0.25% of 4,442
Hand Palmar	0	0% of 39
Finger Dorsal	1	0.11% of 901
Finger Nail	2	12.50% of 16
Finger Palmar	0	0% of 21
Thigh	202	6.31% of 3,203
Leg	407	3.28% of 12,421
Foot Dorsal	32	3.53% of 906
Foot Plantar	2	1.96% of 102
Toe Dorsal	6	4.38% of 137
Toe Nail	1	5.88% of 17
Toe Plantar	0	0% of 14
Palm Or Sole	0	0% of 0

