

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

<b>Participants</b>	Doctors	438	
	Patients	57,341	
<b>Specimens</b>	New lesions	104,750	84.67%
	Previously biopsied lesions	18,967	15.33%
	Total lesions	123,717	100.00%

**Breakdown of new versus previously biopsied specimens**


Percentage of new lesions tested which were malignant	62.16%
Percentage of Definitively excised lesions that were malignant	80.66%
Lesions tested to find one melanoma (NNT)	4.07
Percentage of lesions tested for NMSC which were NMSC	79.46%
Ratio of New BCCs : New Melanomas	8:1

**Accuracy**
**Diagnostic sensitivity**

Melanomas	76.07% of 3,849
All NMSC	95.58% of 59,695
BCCs	91.35% of 32,705
SCCs	82.58% of 26,616

**Positive predictive value**

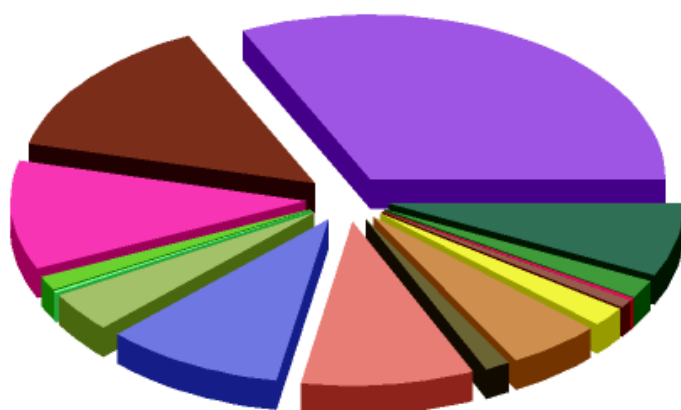
Melanomas	44.42% of 6,591
All NMSC	85.49% of 66,735
BCCs	44.77% of 66,735
SCCs	65.49% of 33,562

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

BCC	86.86% of 22,689
IEC/Bowens disease	74.67% of 6,296
SCC	86.21% of 7,809
Keratoacanthoma	87.25% of 988
Melanoma - in situ	75.35% of 2,645
Melanoma - invasive	69.29% of 622
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	9,792	9.34%
BCC - Nodular/Solid	18,009	17.17%
BCC - Aggressive	4,676	4.46%
IEC/Bowens disease	14,292	13.63%
SCC	10,910	10.40%
Keratoacanthoma	1,414	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	2,797	2.67%
Melanoma - invasive	792	0.76%
Melanoma - invasive > 1mm	216	0.21%
Melanoma - metastasis	44	0.04%
MELTUMP	181	0.17%
Naevus - other	6,121	5.84%
Naevus - dysplastic/Clark	3,334	3.18%
Naevus - blue	445	0.42%
Naevus - Spitz/Reed	129	0.12%
Naevus - Compound	1	0.00%
Solar keratosis	9,660	9.21%
Solar lentigo	1,387	1.32%
Seborrhoeic keratosis	5,212	4.97%
Lentigo Simplex	2	0.00%
Lichenoid keratosis (LPLK)	1,998	1.91%
Dermatofibroma	753	0.72%
Sebaceous gland hyperplasia	245	0.23%
Benign cyst	1,809	1.73%
Other benign	7,284	6.95%
Histology Pending	118	0.11%



BCC - 32.08%
IEC - 14.02%
SCC - 10.70%
Keratoacanthoma - 1.39%
Other malignant - 0.20%
Melanoma - 3.95%
Naevus - 9.84%
Solar keratosis - 9.48%
Solar lentigo - 1.36%
Seborrhoeic keratosis - 5.11%
Lichenoid keratosis - 1.96%
Dermatofibroma - 0.74%
Sebaceous gland - 0.24%
Benign cyst - 1.77%
Other benign - 7.15%

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

Ellipse	2,829	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	894	6.98%
Shave - sample	1,207	9.42%
Incisional	286	2.23%
Punch - removal	2,702	21.09%
Shave - removal	2,641	20.61%
Excisional	5,036	39.31%
Curettage	14	0.11%
Other	25	0.20%

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

Ellipse	34,441	63.14%
Flap	4,892	8.97%
Graft - SSG	341	0.63%
Graft - FTSG	1,228	2.25%
No Closure	235	0.43%
Shave/Saucerisation	929	1.70%
Curettage & Cautery	6,262	11.48%
Liquid N2 freeze/thaw	734	1.35%
PDT	110	0.20%
Imiquimod	548	1.00%
5 FU cream	1,293	2.37%
GP referral	1,277	2.34%
Specialist referral	1,485	2.72%
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	9.24% of 35,542
Complex Closures (inc Curettage & Cautery)	8.45% of 38,842

## Locations

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

Nose	28	0.47% of 6,019
Lip	3	0.17% of 1,740
Ear	94	2.13% of 4,423
Eyelid	4	0.39% of 1,016
Other face	369	2.13% of 17,332
Scalp	86	2.18% of 3,944
Neck	170	3.13% of 5,423
Shoulder	262	5.31% of 4,937
Chest	215	3.44% of 6,245
Abdomen	90	6.50% of 1,385
Genitalia	1	0.74% of 135
Back	1200	8.00% of 15,001
Buttock	15	5.84% of 257
Arm	415	6.52% of 6,362
Forearm	232	2.82% of 8,224
Hand Dorsal	11	0.25% of 4,445
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	6.29% of 3,212
Leg	408	3.28% of 12,445
Foot Dorsal	32	3.52% of 910
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

