

**SCARD Pool report for 01-01-2018 to 31-12-2018**

<b>Participants</b>	Doctors	425	
	Patients	58,165	
<b>Specimens</b>	New lesions	109,529	84.88%
	Previously biopsied lesions	19,517	15.12%
	Total lesions	129,046	100.00%

**Breakdown of new versus previously biopsied specimens**


Percentage of new lesions tested which were malignant	62.12%
Percentage of Definitively excised lesions that were malignant	81.39%
Lesions tested to find one melanoma (NNT)	4.49
Percentage of lesions tested for NMSC which were NMSC	80.61%
Ratio of New BCCs : New Melanomas	10:1

**Accuracy**
**Diagnostic sensitivity**

Melanomas	73.66% of 3,413
All NMSC	95.71% of 61,447
BCCs	91.91% of 33,155
SCCs	82.61% of 27,920

**Positive predictive value**

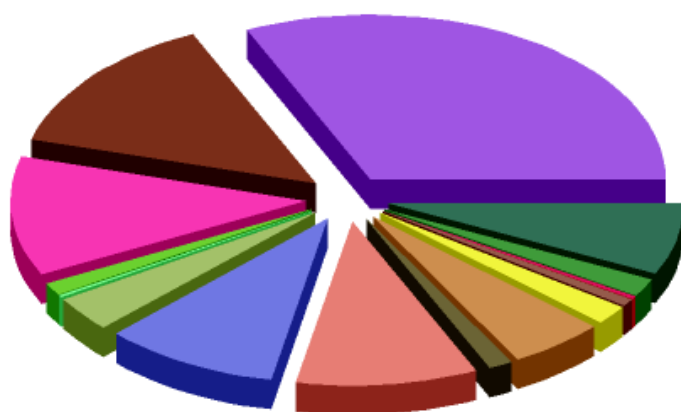
Melanomas	43.97% of 5,717
All NMSC	86.62% of 67,894
BCCs	44.88% of 67,894
SCCs	64.94% of 35,516

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

BCC	88.10% of 23,255
IEC/Bowens disease	82.40% of 5,098
SCC	87.86% of 8,265
Keratoacanthoma	91.53% of 885
Melanoma - in situ	77.38% of 2,325
Melanoma - invasive	72.73% of 594
Melanoma - invasive > 1mm	37.35% of 83
Other malignant	54.95% of 91

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

BCC (unspecified type)	56	0.05%
BCC - Superficial	10,159	9.27%
BCC - Nodular/Solid	17,673	16.12%
BCC - Aggressive	5,267	4.80%
IEC/Bowens disease	14,393	13.13%
SCC	12,211	11.14%
Keratoacanthoma	1,316	1.20%
Pinkus Fibroepithelioma	15	0.01%
Merkel cell tumour	15	0.01%
Other malignant	153	0.14%
NMSC Metastasis	4	0.00%
Melanoma - in situ	2,497	2.28%
Melanoma - invasive	686	0.63%
Melanoma - invasive > 1mm	194	0.18%
Melanoma - metastasis	36	0.03%
MELTUMP	185	0.17%
Naevus - other	6,090	5.55%
Naevus - dysplastic/Clark	3,461	3.16%
Naevus - blue	337	0.31%
Naevus - Spitz/Reed	123	0.11%
Naevus - Compound	0	0%
Solar keratosis	10,343	9.43%
Solar lentigo	1,306	1.19%
Seborrhoeic keratosis	5,454	4.97%
Lentigo Simplex	0	0%
Lichenoid keratosis (LPLK)	1,981	1.81%
Dermatofibroma	780	0.71%
Sebaceous gland hyperplasia	233	0.21%
Benign cyst	1,809	1.65%
Other benign	7,319	6.68%
Histology Pending	107	0.10%



BCC - 31.85%
IEC - 13.82%
SCC - 11.73%
Keratoacanthoma - 1.26%
Other malignant - 0.19%
Melanoma - 3.46%
Naevus - 9.62%
Solar keratosis - 9.93%
Solar lentigo - 1.25%
Seborrhoeic keratosis - 5.24%
Lichenoid keratosis - 1.90%
Dermatofibroma - 0.75%
Sebaceous gland - 0.22%
Benign cyst - 1.74%
Other benign - 7.03%

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

Ellipse	2,735	83.49%
Flap	67	2.05%
Graft - SSG	7	0.21%
Graft - FTSG	14	0.43%
No Closure	10	0.31%
Shave/Saucerisation	119	3.63%
Curettage & Cautery	24	0.73%
Liquid N2 freeze/thaw	4	0.12%
PDT	2	0.06%
Imiquimod	1	0.03%
5 FU cream	1	0.03%
GP referral	190	5.80%
Specialist referral	66	2.01%
Other	31	0.95%

**Biopsy used to exclude melanoma**

Punch - sample	813	6.44%
Shave - sample	1,068	8.46%
Incisional	226	1.79%
Punch - removal	2,415	19.13%
Shave - removal	3,063	24.27%
Excisional	5,003	39.64%
Curettage	22	0.17%
Other	10	0.08%

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

Ellipse	34,176	61.75%
Flap	5,252	9.49%
Graft - SSG	360	0.65%
Graft - FTSG	1,334	2.41%
No Closure	306	0.55%
Shave/Saucerisation	934	1.69%
Curettage & Cautery	6,370	11.51%
Liquid N2 freeze/thaw	799	1.44%
PDT	122	0.22%
Imiquimod	571	1.03%
5 FU cream	1,349	2.44%
GP referral	1,500	2.71%
Specialist referral	1,419	2.56%
Other	293	0.53%

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

Ellipse	5,108	72.57%
Flap	83	1.18%
Graft - SSG	2	0.03%
Graft - FTSG	9	0.13%
No Closure	36	0.51%
Shave/Saucerisation	599	8.51%
Liquid N2 freeze/thaw	180	2.56%
5 FU cream	122	1.73%
GP referral	165	2.34%
Specialist referral	52	0.74%
Other	142	2.02%

## Procedures (continued)

### Percentage of procedures/closures that were complex

Complex Closures	10.77% of 53,846
Complex Closures (inc Curettage & Cautery)	9.78% of 59,282

## Locations

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

Nose	35	0.54% of 6,518
Lip	8	0.44% of 1,808
Ear	83	1.78% of 4,666
Eyelid	3	0.26% of 1,160
Other face	330	1.79% of 18,428
Scalp	74	1.81% of 4,080
Neck	161	2.98% of 5,403
Shoulder	264	5.13% of 5,145
Chest	174	2.70% of 6,438
Abdomen	68	5.19% of 1,311
Genitalia	1	0.91% of 110
Back	1066	6.74% of 15,809
Buttock	10	3.70% of 270
Arm	385	5.92% of 6,501
Forearm	199	2.30% of 8,634
Hand Dorsal	7	0.15% of 4,702
Hand Palmar	0	0% of 50
Finger Dorsal	1	0.12% of 865
Finger Nail	2	12.50% of 16
Finger Palmar	0	0% of 20
Thigh	171	5.34% of 3,200
Leg	338	2.57% of 13,174
Foot Dorsal	21	2.28% of 923
Foot Plantar	6	5.26% of 114
Toe Dorsal	5	3.57% of 140
Toe Nail	0	0% of 8
Toe Plantar	1	4.17% of 24
Palm Or Sole	0	0% of 0

