

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

Participants	Doctors	426	
	Patients	58,247	
Specimens	New lesions	109,659	84.89%
	Previously biopsied lesions	19,523	15.11%
	Total lesions	129,182	100.00%

Breakdown of new versus previously biopsied specimens


Percentage of new lesions tested which were malignant	62.09%
Percentage of Definitively excised lesions that were malignant	81.39%
Lesions tested to find one melanoma (NNT)	4.50
Percentage of lesions tested for NMSC which were NMSC	80.60%
Ratio of New BCCs : New Melanomas	10:1

Accuracy
Diagnostic sensitivity

Melanomas	73.70% of 3,422
All NMSC	95.71% of 61,492
BCCs	91.91% of 33,176
SCCs	82.60% of 27,943

Positive predictive value

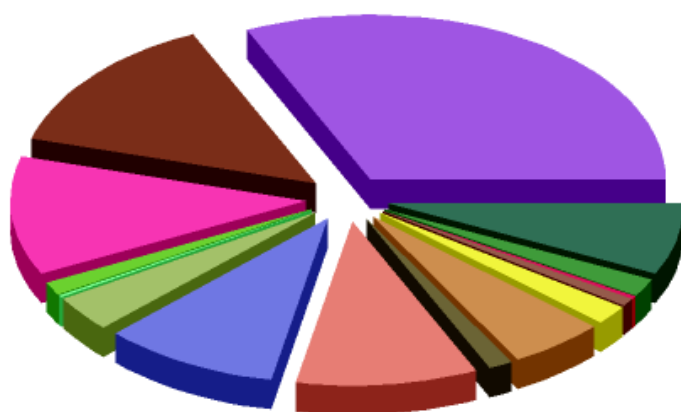
Melanomas	43.67% of 5,775
All NMSC	86.61% of 67,954
BCCs	44.87% of 67,954
SCCs	64.93% of 35,545

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

BCC	88.11% of 23,277
IEC/Bowens disease	82.42% of 5,101
SCC	87.85% of 8,280
Keratoacanthoma	91.53% of 885
Melanoma - in situ	77.41% of 2,328
Melanoma - invasive	72.77% of 595
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	10,162	9.26%
BCC - Nodular/Solid	17,689	16.12%
BCC - Aggressive	5,269	4.80%
IEC/Bowens disease	14,397	13.12%
SCC	12,230	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	2,503	2.28%
Melanoma - invasive	688	0.63%
Melanoma - invasive > 1mm	194	0.18%
Melanoma - metastasis	37	0.03%
MELTUMP	186	0.17%
Naevus - other	6,118	5.57%
Naevus - dysplastic/Clark	3,472	3.16%
Naevus - blue	338	0.31%
Naevus - Spitz/Reed	125	0.11%
Naevus - Compound	0	0%
Solar keratosis	10,352	9.43%
Solar lentigo	1,313	1.20%
Seborrhoeic keratosis	5,460	4.97%
Lentigo Simplex	0	0%
Lichenoid keratosis (LPLK)	1,984	1.81%
Dermatofibroma	783	0.71%
Sebaceous gland hyperplasia	233	0.21%
Benign cyst	1,809	1.65%
Other benign	7,328	6.68%
Histology Pending	107	0.10%



BCC - 31.83%
IEC - 13.81%
SCC - 11.73%
Keratoacanthoma - 1.26%
Other malignant - 0.19%
Melanoma - 3.46%
Naevus - 9.64%
Solar keratosis - 9.93%
Solar lentigo - 1.26%
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	2,736	83.49%
Flap	67	2.04%
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	815	6.43%
Shave - sample	1,068	8.42%
Incisional	226	1.78%
Punch - removal	2,449	19.32%
Shave - removal	3,065	24.18%
Excisional	5,021	39.61%
Curettage	22	0.17%
Other	10	0.08%

Breakdown of definitive management procedures for malignant conditions

Ellipse	34,212	61.76%
Flap	5,261	9.50%
Graft - SSG	360	0.65%
Graft - FTSG	1,335	2.41%
No Closure	306	0.55%
Shave/Saucerisation	934	1.69%
Curettage & Cautery	6,370	11.50%
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	5,110	72.55%
Flap	83	1.18%
Graft - SSG	2	0.03%
Graft - FTSG	9	0.13%
No Closure	36	0.51%
Shave/Saucerisation	599	8.50%
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	10.18% of 43,205
Complex Closures (inc Curettage & Cautery)	9.28% of 47,382

Locations

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

Nose	35	0.54% of 6,521
Lip	8	0.44% of 1,810
Ear	83	1.78% of 4,673
Eyelid	3	0.26% of 1,160
Other face	330	1.79% of 18,449
Scalp	74	1.81% of 4,086
Neck	161	2.98% of 5,406
Shoulder	264	5.12% of 5,154
Chest	174	2.70% of 6,443
Abdomen	68	5.16% of 1,319
Genitalia	1	0.90% of 111
Back	1072	6.77% of 15,830
Buttock	10	3.70% of 270
Arm	386	5.93% of 6,508
Forearm	199	2.30% of 8,642
Hand Dorsal	7	0.15% of 4,704
Hand Palmar	0	0% of 50
Finger Dorsal	1	0.12% of 867
Finger Nail	2	12.50% of 16
Finger Palmar	0	0% of 20
Thigh	173	5.39% of 3,211
Leg	338	2.56% of 13,186
Foot Dorsal	21	2.27% of 925
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

