

SCARD Pool report for 01-01-2013 to 31-12-2013

Participants	Doctors	218	
	Patients	38,808	
Specimens	New lesions	75,527	86.13%
	Previously biopsied lesions	12,166	13.87%
	Total lesions	87,693	100.00%

Breakdown of new versus previously biopsied specimens


Percentage of new lesions tested which were malignant	63.23%
Percentage of Definitively excised lesions that were malignant	79.66%
Lesions tested to find one melanoma (NNT)	5.34
Percentage of lesions tested for NMSC which were NMSC	74.79%
Ratio of New BCCs : New Melanomas	12:1

Accuracy
Diagnostic sensitivity

Melanomas	69.47% of 1,828
All NMSC	94.96% of 45,010
BCCs	89.62% of 22,706
SCCs	83.59% of 22,073

Positive predictive value

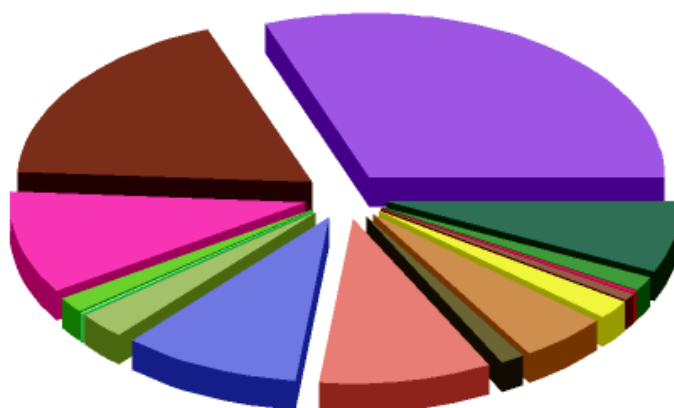
Melanomas	41.57% of 3,055
All NMSC	81.32% of 52,562
BCCs	38.71% of 52,562
SCCs	68.94% of 26,765

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

BCC	84.65% of 15,820
IEC/Bowens disease	90.16% of 8,741
SCC	87.91% of 5,624
Keratoacanthoma	90.91% of 836
Melanoma - in situ	74.41% of 1,153
Melanoma - invasive	77.86% of 384
Melanoma - invasive > 1mm	44.26% of 61
Other malignant	79.17% of 48

Lesion Breakdown
Histological Diagnosis

BCC (unspecified type)	0	0%
BCC - Superficial	8,079	10.69%
BCC - Nodular/Solid	10,837	14.34%
BCC - Aggressive	3,790	5.02%
IEC/Bowens disease	13,459	17.81%
SCC	7,457	9.87%
Keratoacanthoma	1,157	1.53%
Pinkus Fibroepithelioma	6	0.01%
Merkel cell tumour	9	0.01%
Other malignant	80	0.11%
NMSC Metastasis	4	0.01%
Melanoma - in situ	1,247	1.65%
Melanoma - invasive	423	0.56%
Melanoma - invasive > 1mm	130	0.17%
Melanoma - metastasis	28	0.04%
MELTUMP	132	0.17%
Naevus - other	4,058	5.37%
Naevus - dysplastic/Clark	2,757	3.65%
Naevus - blue	252	0.33%
Naevus - Spitz/Reed	142	0.19%
Naevus - Compound	0	0%
Solar keratosis	6,972	9.23%
Solar lentigo	929	1.23%
Seborrhoeic keratosis	3,578	4.74%
Lentigo Simplex	1	0.00%
Lichenoid keratosis (LPLK)	1,404	1.86%
Dermatofibroma	519	0.69%
Sebaceous gland hyperplasia	188	0.25%
Benign cyst	1,061	1.40%
Other benign	5,163	6.83%
Histology Pending	35	0.05%



BCC - 30.74%
IEC - 18.22%
SCC - 10.10%
Keratoacanthoma - 1.57%
Other malignant - 0.14%
Melanoma - 2.65%
Naevus - 9.76%
Solar keratosis - 9.44%
Solar lentigo - 1.26%
Seborrhoeic keratosis - 4.84%
Lichenoid keratosis - 1.90%
Dermatofibroma - 0.70%
Sebaceous gland - 0.25%
Benign cyst - 1.44%
Other benign - 6.99%

Procedures
Definitive Surgical Management used to exclude melanoma

Ellipse	1,899	93.92%
Flap	45	2.23%
Graft - SSG	2	0.10%
Graft - FTSG	5	0.25%
No Closure	1	0.05%
Shave/Saucerisation	25	1.24%
Curettage & Cautery	12	0.59%
Liquid N2 freeze/thaw	5	0.25%
PDT	0	0%
Imiquimod	0	0%
5 FU cream	0	0%
GP referral	1	0.05%
Specialist referral	18	0.89%
Other	2	0.10%

Biopsy used to exclude melanoma

Punch - sample	614	7.75%
Shave - sample	853	10.76%
Incisional	94	1.19%
Punch - removal	1,616	20.39%
Shave - removal	2,184	27.56%
Excisional	2,524	31.85%
Curettage	32	0.40%
Other	4	0.05%

Breakdown of definitive management procedures for malignant conditions

Ellipse	29,504	69.56%
Flap	3,678	8.67%
Graft - SSG	354	0.83%
Graft - FTSG	691	1.63%
No Closure	140	0.33%
Shave/Saucerisation	591	1.39%
Curettage & Cautery	4,227	9.97%
Liquid N2 freeze/thaw	580	1.37%
PDT	117	0.28%
Imiquimod	473	1.12%
5 FU cream	544	1.28%
GP referral	65	0.15%
Specialist referral	993	2.34%
Other	159	0.37%

Breakdown of definitive management procedures for benign conditions

Ellipse	4,069	74.77%
Flap	88	1.62%
Graft - SSG	2	0.04%
Graft - FTSG	11	0.20%
No Closure	3	0.06%
Shave/Saucerisation	437	8.03%
Liquid N2 freeze/thaw	274	5.03%
5 FU cream	64	1.18%
GP referral	5	0.09%
Specialist referral	25	0.46%
Other	80	1.47%

Procedures (continued)

Percentage of procedures/closures that were complex

Complex Closures	10.82% of 46,700
Complex Closures (inc Curettage & Cautery)	9.85% of 51,286

Locations

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

Nose	28	0.62% of 4,530
Lip	5	0.37% of 1,347
Ear	40	1.35% of 2,965
Eyelid	7	0.90% of 782
Other face	203	1.46% of 13,861
Scalp	48	2.03% of 2,360
Neck	82	2.29% of 3,576
Shoulder	128	3.82% of 3,355
Chest	78	1.85% of 4,226
Abdomen	51	5.37% of 949
Genitalia	1	1.27% of 79
Back	551	5.07% of 10,871
Buttock	7	4.29% of 163
Arm	178	4.18% of 4,257
Forearm	98	1.65% of 5,956
Hand Dorsal	0	0% of 3,074
Hand Palmar	0	0% of 29
Finger Dorsal	1	0.08% of 1,262
Finger Nail	1	9.09% of 11
Finger Palmar	0	0% of 14
Thigh	96	4.50% of 2,135
Leg	208	2.34% of 8,896
Foot Dorsal	12	1.80% of 665
Foot Plantar	2	3.33% of 60
Toe Dorsal	1	1.16% of 86
Toe Nail	1	16.67% of 6
Toe Plantar	1	8.33% of 12
Palm Or Sole	0	0% of 0

