

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

Participants	Doctors	221	
	Patients	38,855	
Specimens	New lesions	75,593	86.12%
	Previously biopsied lesions	12,185	13.88%
	Total lesions	87,778	100.00%

Breakdown of new versus previously biopsied specimens


Percentage of new lesions tested which were malignant	63.22%
Percentage of Definitively excised lesions that were malignant	79.67%
Lesions tested to find one melanoma (NNT)	5.33
Percentage of lesions tested for NMSC which were NMSC	74.78%
Ratio of New BCCs : New Melanomas	12:1

Accuracy
Diagnostic sensitivity

Melanomas	69.38% of 1,832
All NMSC	94.96% of 45,039
BCCs	89.61% of 22,727
SCCs	83.59% of 22,082

Positive predictive value

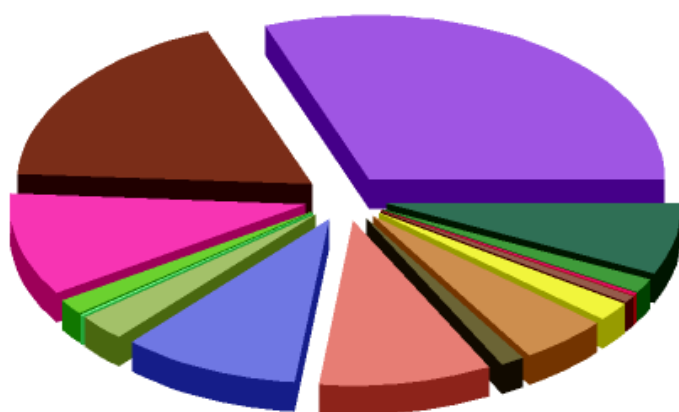
Melanomas	41.58% of 3,057
All NMSC	81.31% of 52,599
BCCs	38.72% of 52,599
SCCs	68.92% of 26,783

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

BCC	84.66% of 15,835
IEC/Bowens disease	90.15% of 8,742
SCC	87.89% of 5,631
Keratoacanthoma	90.91% of 836
Melanoma - in situ	74.35% of 1,154
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	8,084	10.69%
BCC - Nodular/Solid	10,852	14.35%
BCC - Aggressive	3,791	5.01%
IEC/Bowens disease	13,464	17.80%
SCC	7,461	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	3	0.00%
Melanoma - in situ	1,250	1.65%
Melanoma - invasive	424	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	2,758	3.65%
Naevus - blue	252	0.33%
Naevus - Spitz/Reed	142	0.19%
Naevus - Compound	0	0%
Solar keratosis	6,981	9.23%
Solar lentigo	932	1.23%
Seborrhoeic keratosis	3,580	4.73%
Lentigo Simplex	1	0.00%
Lichenoid keratosis (LPLK)	1,406	1.86%
Dermatofibroma	519	0.69%
Sebaceous gland hyperplasia	188	0.25%
Benign cyst	1,062	1.40%
Other benign	5,169	6.83%
Histology Pending	35	0.05%



BCC - 30.74%
IEC - 18.21%
SCC - 10.09%
Keratoacanthoma - 1.57%
Other malignant - 0.14%
Melanoma - 2.66%
Naevus - 9.75%
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	93.87%
Flap	45	2.22%
Graft - SSG	2	0.10%
Graft - FTSG	5	0.25%
No Closure	1	0.05%
Shave/Saucerisation	26	1.29%
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	7.74%
Shave - sample	855	10.78%
Incisional	96	1.21%
Punch - removal	1,616	20.37%
Shave - removal	2,185	27.54%
Excisional	2,528	31.87%
Curettage	32	0.40%
Other	4	0.05%

Breakdown of definitive management procedures for malignant conditions

Ellipse	29,518	69.54%
Flap	3,683	8.68%
Graft - SSG	354	0.83%
Graft - FTSG	694	1.63%
No Closure	140	0.33%
Shave/Saucerisation	593	1.40%
Curettage & Cautery	4,233	9.97%
Liquid N2 freeze/thaw	580	1.37%
PDT	117	0.28%
Imiquimod	473	1.11%
5 FU cream	544	1.28%
GP referral	65	0.15%
Specialist referral	994	2.34%
Other	159	0.37%

Breakdown of definitive management procedures for benign conditions

Ellipse	4,070	74.72%
Flap	88	1.62%
Graft - SSG	2	0.04%
Graft - FTSG	11	0.20%
No Closure	3	0.06%
Shave/Saucerisation	437	8.02%
Liquid N2 freeze/thaw	274	5.03%
5 FU cream	64	1.17%
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	1.52% of 6,653
Complex Closures (inc Curettage & Cautery)	1.44% of 7,013

Locations

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

Nose	28	0.62% of 4,534
Lip	5	0.37% of 1,349
Ear	40	1.35% of 2,970
Eyelid	7	0.90% of 782
Other face	203	1.46% of 13,880
Scalp	49	2.07% of 2,362
Neck	84	2.35% of 3,580
Shoulder	128	3.81% of 3,360
Chest	78	1.84% of 4,228
Abdomen	51	5.37% of 949
Genitalia	1	1.27% of 79
Back	552	5.08% of 10,876
Buttock	7	4.29% of 163
Arm	178	4.18% of 4,258
Forearm	98	1.64% of 5,960
Hand Dorsal	0	0% of 3,079
Hand Palmar	0	0% of 29
Finger Dorsal	1	0.08% of 1,263
Finger Nail	1	9.09% of 11
Finger Palmar	0	0% of 14
Thigh	96	4.49% of 2,138
Leg	208	2.34% of 8,900
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

