

**SCARD Pool report for 01-01-2007 to 31-12-2007**

<b>Participants</b>	Doctors	68	
	Patients	6,535	
<b>Specimens</b>	New lesions	10,800	87.51%
	Previously biopsied lesions	1,542	12.49%
	Total lesions	12,342	100.00%

**Breakdown of new versus previously biopsied specimens**


Percentage of new lesions tested which were malignant	58.96%
Percentage of Definitively excised lesions that were malignant	77.09%
Lesions tested to find one melanoma (NNT)	8.19
Percentage of lesions tested for NMSC which were NMSC	70.58%
Ratio of New BCCs : New Melanomas	14:1

**Accuracy**
**Diagnostic sensitivity**

Melanomas	72.95% of 244
All NMSC	95.19% of 5,971
BCCs	91.42% of 3,497
SCCs	81.11% of 2,451

**Positive predictive value**

Melanomas	35.81% of 497
All NMSC	79.72% of 7,130
BCCs	44.84% of 7,130
SCCs	65.33% of 3,043

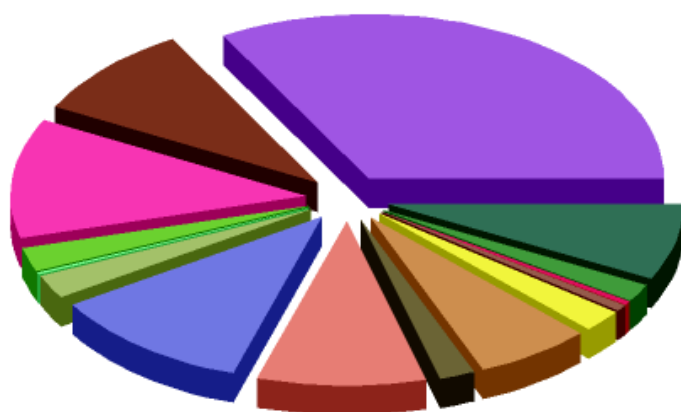
**Adequacy**
**Percentage of definitively managed malignant cases where surgical margins were adequate**

BCC	92.84% of 2,389
IEC/Bowens disease	91.58% of 404
SCC	94.56% of 938
Keratoacanthoma	95.86% of 169
Melanoma - in situ	84.25% of 127
Melanoma - invasive	74.36% of 78
Melanoma - invasive > 1mm	50.00% of 6
Other malignant	80.00% of 15

## Lesion Breakdown

### Histological Diagnosis

BCC (unspecified type)	3,058	28.23%
BCC - Superficial	83	0.77%
BCC - Nodular/Solid	234	2.16%
BCC - Aggressive	122	1.13%
IEC/Bowens disease	970	8.95%
SCC	1,237	11.42%
Keratoacanthoma	244	2.25%
Pinkus Fibroepithelioma	0	0%
Merkel cell tumour	3	0.03%
Other malignant	19	0.18%
NMSC Metastasis	0	0%
Melanoma - in situ	148	1.37%
Melanoma - invasive	88	0.81%
Melanoma - invasive > 1mm	6	0.06%
Melanoma - metastasis	2	0.02%
MELTUMP	1	0.01%
Naevus - other	615	5.68%
Naevus - dysplastic/Clark	521	4.81%
Naevus - blue	28	0.26%
Naevus - Spitz/Reed	11	0.10%
Naevus - Compound	0	0%
Solar keratosis	970	8.95%
Solar lentigo	201	1.86%
Seborrhoeic keratosis	666	6.15%
Lentigo Simplex	0	0%
Lichenoid keratosis (LPLK)	233	2.15%
Dermatofibroma	67	0.62%
Sebaceous gland hyperplasia	35	0.32%
Benign cyst	183	1.69%
Other benign	794	7.33%
Histology Pending	33	0.30%



BCC - 33.18%
IEC - 9.20%
SCC - 11.74%
Keratoacanthoma - 2.32%
Other malignant - 0.21%
Melanoma - 2.32%
Naevus - 11.15%
Solar keratosis - 9.20%
Solar lentigo - 1.91%
Seborrhoeic keratosis - 6.32%
Lichenoid keratosis - 2.21%
Dermatofibroma - 0.64%
Sebaceous gland - 0.33%
Benign cyst - 1.74%
Other benign - 7.53%

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

Ellipse	359	74.17%
Flap	7	1.45%
Graft - SSG	0	0%
Graft - FTSG	0	0%
No Closure	0	0%
Shave/Saucerisation	89	18.39%
Curettage & Cautery	22	4.55%
Liquid N2 freeze/thaw	0	0%
PDT	1	0.21%
Imiquimod	0	0%
5 FU cream	0	0%
GP referral	0	0%
Specialist referral	2	0.41%
Other	4	0.83%

**Biopsy used to exclude melanoma**

Punch - sample	161	10.26%
Shave - sample	180	11.47%
Incisional	17	1.08%
Punch - removal	154	9.82%
Shave - removal	246	15.68%
Excisional	807	51.43%
Curettage	4	0.25%
Other	0	0%

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

Ellipse	3,700	70.71%
Flap	456	8.71%
Graft - SSG	22	0.42%
Graft - FTSG	64	1.22%
No Closure	9	0.17%
Shave/Saucerisation	66	1.26%
Curettage & Cautery	593	11.33%
Liquid N2 freeze/thaw	51	0.97%
PDT	22	0.42%
Imiquimod	40	0.76%
5 FU cream	49	0.94%
GP referral	2	0.04%
Specialist referral	144	2.75%
Other	11	0.21%

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

Ellipse	590	62.57%
Flap	8	0.85%
Graft - SSG	1	0.11%
Graft - FTSG	0	0%
No Closure	1	0.11%
Shave/Saucerisation	129	13.68%
Liquid N2 freeze/thaw	28	2.97%
5 FU cream	6	0.64%
GP referral	0	0%
Specialist referral	4	0.42%
Other	20	2.12%

**Procedures (continued)**
**Percentage of procedures/closures that were complex**

Complex Closures	8.62% of 6,705
Complex Closures (inc Curettage & Cautery)	7.76% of 7,445

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

Nose	5	0.88% of 568
Lip	0	0% of 186
Ear	6	1.63% of 367
Eyelid	0	0% of 108
Other face	4	2.05% of 195
Scalp	8	2.68% of 298
Neck	11	1.77% of 620
Shoulder	17	3.42% of 497
Chest	20	2.67% of 749
Abdomen	3	2.10% of 143
Genitalia	0	0% of 19
Back	66	3.62% of 1,822
Buttock	0	0% of 37
Arm	24	4.28% of 561
Forearm	13	1.72% of 756
Hand Dorsal	2	0.45% of 445
Hand Palmar	1	100.00% of 1
Finger Dorsal	0	0% of 94
Finger Nail	0	0% of 0
Finger Palmar	0	0% of 0
Thigh	20	6.17% of 324
Leg	24	1.91% of 1,255
Foot Dorsal	0	0% of 116
Foot Plantar	0	0% of 19
Toe Dorsal	0	0% of 19
Toe Nail	0	0% of 0
Toe Plantar	0	0% of 3
Palm Or Sole	0	0% of 0

