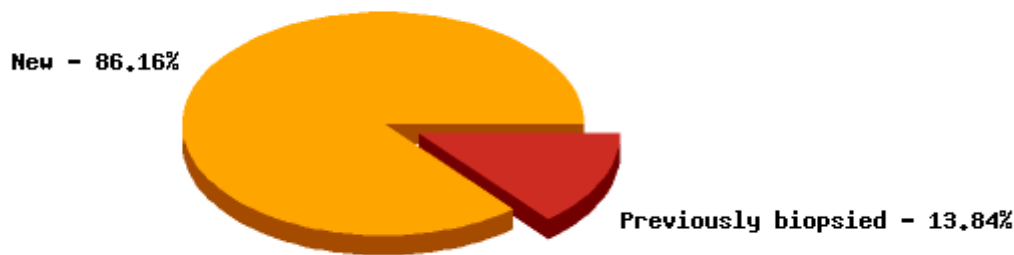


**SCARD Pool report for 01-01-2022 to 31-12-2022**

|                     |                             |         |         |
|---------------------|-----------------------------|---------|---------|
| <b>Participants</b> | Doctors                     | 346     |         |
|                     | Patients                    | 60,629  |         |
| <b>Specimens</b>    | New lesions                 | 106,395 | 86.16%  |
|                     | Previously biopsied lesions | 17,093  | 13.84%  |
|                     | Total lesions               | 123,488 | 100.00% |

**Breakdown of new versus previously biopsied specimens**


|  |        |
|--|--------|
| Percentage of new lesions tested which were malignant          | 65.40% |
| Percentage of Definitively excised lesions that were malignant | 82.88% |
| Lesions tested to find one melanoma (NNT)                      | 3.47   |
| Percentage of lesions tested for NMSC which were NMSC          | 82.03% |
| Ratio of New BCCs : New Melanomas                              | 8:1    |

**Accuracy**
**Diagnostic sensitivity**

|           |                  |
|-----------|------------------|
| Melanomas | 78.05% of 4,191  |
| All NMSC  | 95.65% of 60,997 |
| BCCs      | 91.69% of 33,255 |
| SCCs      | 81.12% of 27,393 |

**Positive predictive value**

|           |                  |
|-----------|------------------|
| Melanomas | 46.55% of 7,027  |
| All NMSC  | 87.95% of 66,334 |
| BCCs      | 45.96% of 66,334 |
| SCCs      | 69.56% of 31,947 |

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

|                           |                  |
|---------------------------|------------------|
| BCC                       | 88.05% of 22,371 |
| IEC/Bowens disease        | 84.86% of 6,022  |
| SCC                       | 83.71% of 8,163  |
| Keratoacanthoma           | 90.57% of 1,007  |
| Melanoma - in situ        | 74.75% of 2,554  |
| Melanoma - invasive       | 75.67% of 744    |
| Melanoma - invasive > 1mm | 37.35% of 83     |
| Other malignant           | 62.39% of 109    |

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

|                             |        |        |
|-----------------------------|--------|--------|
| BCC (unspecified type)      | 155    | 0.15%  |
| BCC - Superficial           | 9,944  | 9.34%  |
| BCC - Nodular/Solid         | 19,387 | 18.20% |
| BCC - Aggressive            | 3,769  | 3.54%  |
| IEC/Bowens disease          | 14,241 | 13.37% |
| SCC                         | 11,785 | 11.06% |
| Keratoacanthoma             | 1,367  | 1.28%  |
| Pinkus Fibroepithelioma     | 17     | 0.02%  |
| Merkel cell tumour          | 13     | 0.01%  |
| Other malignant             | 165    | 0.15%  |
| NMSC Metastasis             | 12     | 0.01%  |
| Melanoma - in situ          | 2,987  | 2.80%  |
| Melanoma - invasive         | 952    | 0.89%  |
| Melanoma - invasive > 1mm   | 226    | 0.21%  |
| Melanoma - metastasis       | 26     | 0.02%  |
| MELTUMP                     | 142    | 0.13%  |
| Naevus - other              | 5,391  | 5.06%  |
| Naevus - dysplastic/Clark   | 2,966  | 2.78%  |
| Naevus - blue               | 422    | 0.40%  |
| Naevus - Spitz/Reed         | 100    | 0.09%  |
| Naevus - Compound           | 796    | 0.75%  |
| Solar keratosis             | 7,711  | 7.24%  |
| Solar lentigo               | 1,274  | 1.20%  |
| Seborrhoeic keratosis       | 4,816  | 4.52%  |
| Lentigo Simplex             | 6      | 0.01%  |
| Lichenoid keratosis (LPLK)  | 1,640  | 1.54%  |
| Dermatofibroma              | 745    | 0.70%  |
| Sebaceous gland hyperplasia | 204    | 0.19%  |
| Benign cyst                 | 1,520  | 1.43%  |
| Other benign                | 6,652  | 6.24%  |
| Histology Pending           | 124    | 0.12%  |


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

|                       |       |        |
|-----------------------|-------|--------|
| Ellipse               | 3,070 | 85.25% |
| Flap                  | 34    | 0.94%  |
| Graft - SSG           | 6     | 0.17%  |
| Graft - FTSG          | 9     | 0.25%  |
| No Closure            | 1     | 0.03%  |
| Shave/Saucerisation   | 22    | 0.61%  |
| Curettage & Cautery   | 32    | 0.89%  |
| Liquid N2 freeze/thaw | 3     | 0.08%  |
| PDT                   | 0     | 0%     |
| Imiquimod             | 1     | 0.03%  |

|                     |     |       |
|---------------------|-----|-------|
| 5 FU cream          | 2   | 0.06% |
| GP referral         | 275 | 7.64% |
| Specialist referral | 126 | 3.50% |
| Other               | 15  | 0.42% |

**Biopsy used to exclude melanoma**

|                 |       |        |
|-----------------|-------|--------|
| Punch - sample  | 656   | 5.47%  |
| Shave - sample  | 863   | 7.20%  |
| Incisional      | 285   | 2.38%  |
| Punch - removal | 2,306 | 19.24% |
| Shave - removal | 2,581 | 21.54% |
| Excisional      | 5,274 | 44.01% |
| Curettage       | 7     | 0.06%  |
| Other           | 9     | 0.08%  |

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

|                       |        |        |
|-----------------------|--------|--------|
| Ellipse               | 35,469 | 63.61% |
| Flap                  | 4,280  | 7.68%  |
| Graft - SSG           | 291    | 0.52%  |
| Graft - FTSG          | 1,422  | 2.55%  |
| No Closure            | 172    | 0.31%  |
| Shave/Saucerisation   | 971    | 1.74%  |
| Curettage & Cautery   | 8,152  | 14.62% |
| Liquid N2 freeze/thaw | 348    | 0.62%  |
| PDT                   | 47     | 0.08%  |
| Imiquimod             | 449    | 0.81%  |
| 5 FU cream            | 705    | 1.26%  |
| GP referral           | 1,225  | 2.20%  |
| Specialist referral   | 1,498  | 2.69%  |
| Other                 | 159    | 0.29%  |

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

|                       |       |        |
|-----------------------|-------|--------|
| Ellipse               | 4,389 | 77.38% |
| Flap                  | 55    | 0.97%  |
| Graft - SSG           | 3     | 0.05%  |
| Graft - FTSG          | 7     | 0.12%  |
| No Closure            | 10    | 0.18%  |
| Shave/Saucerisation   | 214   | 3.77%  |
| Liquid N2 freeze/thaw | 93    | 1.64%  |
| 5 FU cream            | 64    | 1.13%  |
| GP referral           | 99    | 1.75%  |
| Specialist referral   | 27    | 0.48%  |
| Other                 | 121   | 2.13%  |

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

|  |                  |
|--|------------------|
| Complex Closures                           | 10.15% of 62,485 |
| Complex Closures (inc Curettage & Cautery) | 8.91% of 71,201  |

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

|      |    |                |
|------|----|----------------|
| Nose | 52 | 0.84% of 6,208 |
| Lip  | 2  | 0.12% of 1,702 |

| Report for    | Count | Percentage of SCARD Pool |
|---------------|-------|--------------------------|
| Ear           | 81    | 0.7% of 115              |
| Eyelid        | 2     | 0.20% of 997             |
| Other face    | 386   | 2.19% of 17,643          |
| Scalp         | 111   | 2.42% of 4,578           |
| Neck          | 191   | 3.36% of 5,686           |
| Shoulder      | 285   | 5.66% of 5,036           |
| Chest         | 214   | 3.38% of 6,328           |
| Abdomen       | 115   | 8.39% of 1,370           |
| Genitalia     | 1     | 0.74% of 135             |
| Back          | 1372  | 8.71% of 15,758          |
| Buttock       | 13    | 4.80% of 271             |
| Arm           | 439   | 7.10% of 6,180           |
| Forearm       | 261   | 3.50% of 7,449           |
| Hand Dorsal   | 11    | 0.30% of 3,724           |
| Hand Palmar   | 1     | 3.33% of 30              |
| Finger Dorsal | 0     | 0% of 628                |
| Finger Nail   | 1     | 5.26% of 19              |
| Finger Palmar | 0     | 0% of 21                 |
| Thigh         | 186   | 5.81% of 3,202           |
| Leg           | 421   | 3.24% of 13,007          |
| Foot Dorsal   | 34    | 3.47% of 980             |
| Foot Plantar  | 4     | 4.17% of 96              |
| Toe Dorsal    | 6     | 3.97% of 151             |
| Toe Nail      | 0     | 0% of 15                 |
| Toe Plantar   | 0     | 0% of 17                 |
| Palm Or Sole  | 0     | 0% of 0                  |

