

S1 Table. Results of wound shapes measurements with different methods or devices.

| ID of wound shape | Reference (true) area of the wound shape [cm ²] | Visitrak [cm ²] | Silhouette Mobile [cm ²] | AreaMe [cm ²] | D-SLR Camera [cm ²] | Compact Camera [cm ²] | Smartphone Camera [cm ²] | Planimator [cm ²] |
|-------------------|---|-----------------------------|--------------------------------------|---------------------------|---------------------------------|-----------------------------------|--------------------------------------|-------------------------------|
| 1 | 1.2152 | 1.2 | 1.2 | 1.17 | 1.212 | 1.211 | 1.221 | 1.220 |
| 2 | 0.4105 | 0.3 | 0.4 | 0.37 | 0.409 | 0.410 | 0.410 | 0.405 |
| 3 | 24.0272 | 24.2 | 23.9 | 23.76 | 24.249 | 24.205 | 23.950 | 24.077 |
| 4 | 19.2750 | 19.1 | 19.3 | 19.01 | 19.400 | 19.356 | 19.506 | 19.318 |
| 5 | 1.1087 | 1.0 | 1.1 | 1.06 | 1.122 | 1.115 | 1.098 | 1.114 |
| 6 | 4.3130 | 4.2 | 4.3 | 4.24 | 4.353 | 4.366 | 4.264 | 4.314 |
| 7 | 5.7868 | 5.7 | 5.7 | 5.66 | 5.805 | 5.816 | 5.749 | 5.790 |
| 8 | 4.5932 | 4.4 | 4.5 | 4.48 | 4.586 | 4.575 | 4.539 | 4.574 |
| 9 | 0.9152 | 0.8 | 0.9 | 0.88 | 0.916 | 0.925 | 0.907 | 0.919 |
| 10 | 4.3735 | 4.0 | 4.4 | 4.26 | 4.374 | 4.432 | 4.330 | 4.391 |
| 11 | 3.7463 | 3.5 | 3.7 | 3.72 | 3.779 | 3.693 | 3.721 | 3.753 |
| 12 | 0.1402 | 0.1 | 0.1 | 0.12 | 0.138 | 0.140 | 0.138 | 0.140 |
| 13 | 0.2603 | 0.2 | 0.2 | 0.23 | 0.257 | 0.259 | 0.257 | 0.261 |
| 14 | 0.5422 | 0.4 | 0.5 | 0.51 | 0.535 | 0.538 | 0.538 | 0.534 |
| 15 | 10.6508 | 10.3 | 10.6 | 10.66 | 10.722 | 10.756 | 10.604 | 10.592 |
| 16 | 4.7445 | 4.4 | 4.7 | 4.63 | 4.755 | 4.757 | 4.720 | 4.732 |
| 17 | 1.8776 | 1.6 | 1.8 | 1.84 | 1.871 | 1.881 | 1.862 | 1.875 |
| 18 | 0.6715 | 0.6 | 0.7 | 0.67 | 0.668 | 0.666 | 0.663 | 0.661 |
| 19 | 0.8302 | 0.6 | 0.8 | 0.79 | 0.831 | 0.835 | 0.825 | 0.833 |
| 20 | 2.5021 | 2.3 | 2.4 | 2.39 | 2.505 | 2.522 | 2.479 | 2.490 |
| 21 | 1.5986 | 1.4 | 1.6 | 1.51 | 1.602 | 1.603 | 1.605 | 1.600 |
| 22 | 1.0288 | 0.8 | 1.0 | 1.01 | 1.030 | 1.029 | 1.028 | 1.027 |
| 23 | 5.8485 | 5.6 | 5.7 | 5.72 | 5.848 | 5.852 | 5.790 | 5.808 |
| 24 | 0.6742 | 0.6 | 0.7 | 0.63 | 0.670 | 0.677 | 0.674 | 0.673 |
| 25 | 1.9419 | 1.8 | 1.9 | 1.86 | 1.938 | 1.934 | 1.909 | 1.931 |
| 26 | 1.7756 | 1.6 | 1.7 | 1.70 | 1.776 | 1.769 | 1.777 | 1.773 |
| 27 | 3.4168 | 2.9 | 3.3 | 3.29 | 3.417 | 3.447 | 3.410 | 3.400 |
| 35 | 0.4199 | 0.3 | 0.4 | 0.36 | 0.420 | 0.420 | 0.424 | 0.417 |
| 39 | 4.9513 | 4.7 | 4.9 | 4.84 | 4.958 | 4.973 | 4.970 | 4.936 |
| 50 | 0.7440 | 0.6 | 0.7 | 0.66 | 0.741 | 0.745 | 0.747 | 0.744 |
| 52 | 1.6674 | 1.5 | 1.6 | 1.62 | 1.666 | 1.670 | 1.678 | 1.665 |
| 68 | 1.3416 | 1.2 | 1.3 | 1.33 | 1.342 | 1.348 | 1.356 | 1.338 |
| 70 | 2.7182 | 2.7 | 2.7 | 2.68 | 2.707 | 2.714 | 2.691 | 2.704 |
| 73 | 12.3673 | 12.3 | 12.1 | 12.10 | 12.397 | 12.357 | 12.255 | 12.217 |
| 75 | 1.4416 | 1.4 | 1.4 | 1.40 | 1.437 | 1.449 | 1.440 | 1.447 |
| 80 | 29.5987 | 28.9 | 29.5 | 29.38 | 29.635 | 29.581 | 29.350 | 29.386 |
| 83 | 3.2192 | 3.1 | 3.2 | 3.14 | 3.216 | 3.228 | 3.237 | 3.220 |
| 96 | 15.9624 | 15.6 | 16.0 | 15.77 | 16.042 | 16.051 | 16.028 | 15.950 |
| 101 | 24.2392 | 23.9 | 24.0 | 24.13 | 24.390 | 24.291 | 24.322 | 24.148 |
| 108 | 31.7176 | 30.7 | 31.6 | 31.36 | 31.862 | 32.030 | 31.712 | 31.756 |