Example of calculations of outcome continuous variables in a patient

| | Preoperative visit (V0) | | | | 12 month follow-up (V5) | | | | Difference V5 - V0 | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Locations** | **A0** | **U0** | **D0** | **R0** | **A5** | **U5** | **D5** | **R5** | **D5-D0** | **R5-R0** |
| 20 cm | | | | | | | | | | |
| 15 cm | *35* | *34.8* | 0.2 | 101% | *39* | *39* | 0.0 | 100% | -0.2 | -0.6% |
| 10 cm | *33* | *33* | 0.0 | 100% | *38* | *36* | 2.0 | 106% | 2.0 | 5.6% |
| 5 cm | *31* | *30* | 1.0 | 103% | *35* | *33.5* | 1.5 | 104% | 0.5 | 1.1% |
| Elbow fold | *26.2* | *26.5* | –0.3 | 99% | *29* | *28* | 1.0 | 104% | 1.3 | 4.7% |
| 5 cm | *27* | *27* | 0.0 | 100% | *29.5* | *28.5* | 1.0 | 104% | 1.0 | 3.5% |
| 10 cm | *24* | *24* | 0.0 | 100% | *26* | *26* | 0.0 | 100% | 0.0 | 0.0% |
| 15 cm | *19.5* | *20.2* | –0.7 | 97% | *22* | *21* | 1.0 | 105% | 1.7 | 8.2% |
| 20 cm | *16.5* | *17.5* | –1.0 | 94% | *19* | *17.5* | 1.5 | 109% | 2.5 | 14.3% |
| 25 cm | | | | | | | | | | |
| Hand | *18.5* | *18.2* | 0.3 | 102% | *19.5* | *19.5* | 0.0 | 100% | –0.3 | –1.6% |
| Maximum difference at 2 adjacent points | | | 0.0 | | | | 1.5 | | 1.7(a) | |
| Volumes | 2052.6 | 2050.6 | 2.0 | 100% | 2573.3 | 2399.4 | 173.9 | 107.2% | 171.9 | 7.2%(b) |

Measurements in each arm: **Locations**: Circumferences of the arm are taken at these locations from the elbow; **AX**. = Measurements on affected arm in visit "X"; **UX**. = Measurements on unaffected arm in visit "X"; **DX**. = Difference AX – UX; **RX** = Ratio AX / UX; **Volumes**: Hands are excluded from the computation of volumes.

**Main outcome** is based in these variables: **(a) M2CD5** = Maximum difference at two adjacent points in the inter-limb circumferential difference **(b) CVR** = Change (difference) in Volume Ratio.