

SSAT 066: Statistical Analyses Results

Version 6.0: 22nd January 2018

eGFR - Cockcroft-Gault formula

The Cockcroft-Gault formula serum creatinine is required in mg/dL.

Serum creatinine unit in SSAT 066 database is in umol/L.

Conversion was therefore used: 1 µmol/L = 0.011312217194570135 mg/dL

Source: <http://www.endmemo.com/medical/unitconvert/Creatinine.php>

| mL/min | Total=60 | | | | | |
|--|--|--|--|--|--|---|
| | Median (IQR) | | | | | |
| | Baseline | Week 4 | Week 12 | Week 24 | Week 36 | Week 48 |
| The Cockcroft and Gault formula (1973) Weight measured over time | <p style="text-align: center;">Arm 1: Truvada® (200mg/245mg film coated tablets) one tablet once daily + Raltegravir 400mg (one tablet) twice daily N=20</p> | | | | | |
| eGFR - CG | N=17 129.5 (113.3 to 145.8) Range: 91.2 to 205.3 | N=18 115.7 (105.5 to 143.4) Range: 93.9 to 212.0 | N=17 124.1 (102.6 to 140.0) Range: 83.7 to 209.7 | N=19 124.3 (109.3 to 137.3) Range: 90.8 to 199.6 | N=17 118.1 (104.3 to 138.5) Range: 79.5 to 202.5 | N=18 115.9 (97.5 to 141.2) Range: 75.0 to 207.4 |
| | <p style="text-align: center;">Arm 2: Truvada® (200mg/245mg film coated tablets) one tablet once daily + Dolutegravir 50mg once daily N=20</p> | | | | | |
| eGFR - CG | N=20 124.6 (111.4 to 141.2) Range: 68.7 to 191.9 | N=19 100.1 (94.1 to 118.8) Range: 83.7 to 162.4 | N=18 104.2 (93.8 to 115.9) Range: 80.7 to 160.4 | N=17 104.7 (98.8 to 119.8) Range: 91.1 to 153.8 | N=17 106.2 (95.2 to 110.2) Range: 84.6 to 148.3 | N=17 99.0 (89.1 to 117.9) Range: 78.0 to 152.0 |

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| | Arm 3: Stribild®150mg/150mg/200mg/245mg tablet once daily N=20 | | | | | |
|-----------|--|--|---|---|---|---|
| eGFR - CG | N=20 127.8 (117.0 to 143.8) Range: 87.5 to 196.6 | N=18 113.4 (101.9 to 133.8) Range: 83.6 to 193.7 | N=18 113.1 (98.2 to 141.1) Range: 80.7 to 187.9 | N=19 121.0 (88.2 to 140.7) Range: 77.6 to 196.7 | N=19 120.6 (96.0 to 134.1) Range: 82.6 to 165.1 | N=20 114.2 (103.0 to 131.1) Range: 79.0to 162.9 |

The Cockcroft and Gault formula (1973)

https://www.kidney.org/professionals/KDOQI/gfr_calculatorCoc