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| **Table 2:** demographic summary of post-2013 studies meeting the original inclusion criteria. |
| Reference | Study site | Study size | Dose regimens | Dose  | Sampling matrices | Sample size LF | Samples/patient LF | Sample size DLF | Samples/patient DLF | Male/female  | Age (year) | Bodyweight (kg) | Z-score (weight for age) | Parasitaemia | Pregnant women (%) | Estimated gestational age (weeks) |
| [[1](#_ENREF_1)] | Uganda | Intensive sampling14554 HIV uninfected91 HIV infected | 6 doses over 3 days | HIV infected12.3 (8.05-16.1) mg/kg  | Venous plasma | 2444 | 13 | - | - | - | HIV uninfected3.5 (1.1-7.9)  | 13.9 (9.8-27) | - | 161,189 (12,042-21,763) | 0 | - |
| EFV5.6 (3.1-8.6) | 17.6 (11.4-25.1) | - | 11,671 (6,389-21,321) |
| Spars sampling225134 HIV uninfected91 HIV infected | HIV uninfected10.9 (8.05-16.0) mg/kg  | Capillary plasma | 675 | 3 | LPV4.6 (1.4-8.0) | 15.1 (7.7-23.7) | - | 6,917 (3,839-12,463) |
| NVP4.6 (1.4-8.0) | 16.3 (8.5-30) | - | 10,568 (5,746-19,435) |
| [[2](#_ENREF_2)] | MalawiUganda | NVP16 | 6 doses over 3 days | <15kg: 120 mg 15-24.9 kg: 240 mg 25-34.9 kg:360 mg > 35 kg: 480 mg | Venous blood | 152 | 8 | - |  | NVP63/38 | NVP7.1 (4.1. – 11.3) | NVP17.9(14.0 – 29.3) | - | <200,000u/L | 0 | - |
| ART naïve3 | ART naïve33/67 | ART naïve8.3 (3.6 – 10.0) | 19.7 (16.1 – 27.0) | - |
| [[3](#_ENREF_3)] | Tanzania | 55 | 6 doses over 3 days | 480 mg  | Venous blood | 165 | 5 | 33 | 165 | 0/55 | Pregnant: 25 (18-41) Non-pregnant: 21.5 (18-35) | Pregnant: 52 (40-80)Non-pregnant:48.5 (41-79) | - | Pregnant: 25,280 (560-198,080)Non-pregnant: 22,280 (560–195,680) | 60 | 27 (14-37) |
| [[4](#_ENREF_4)] | Uganda | 60 | 6 doses over 3 days | 480 mg  | Capillary blood and venous plasma | 390 | 13 | - | - | 11/49 | Pregnant: 25 (18-39)Non-pregnant:24 (16-68) | Pregnant: 59.4 (44.5-81.1)Non-pregnant:55.7 (38.0–68.4) | - | Pregnant:13,227 (7,728-22,639)Non-pregnant:597 (261–1,371) | 100 | 28 (14-34) |
| [[5](#_ENREF_5)] | Tanzania | 92 | 6 doses over 3 days | 480 mg  | Venous blood | 92 | 1 | 0 | 0 | 0/92 | 23 (15-41) | - | - | 2,700 (400-72,500) | 100 | 2nd & 3rd trimesters |
| [[6](#_ENREF_6)] | Uganda | 101 | 6 doses over 3 days | <=12 months: 14.1 (10.9-19.7) mg/kg12-18 months: 13.3 (9.23-19.4) mg/kg>=18 months: 12.0 (9.02-15.0) mg/kgUWFA received a higher median mg/kg dose 90.0 mg/kg vs 77.4 mg/kg | Capillary blood | 806 | 5 | - | - | 48/53 | 1.2 (0.55-1.85) | 9.1 (6.1-13.0) | - | 15,568 (128-159,393) | 0 | - |
| [[7](#_ENREF_7)] | Mali & Niger | 131 (SAM)132 (non-SAM) | 6 doses over 3 days | 120 mg  | Capillary blood | 655660 | 5 | - | - | 66/65122/144 | 16.9 (SD: 7.7)28.2 (SD: 13.0) years | 6.9 (1.1)10.6 (2.5) | -3.39 (0.58)-1.41 (0.93) | 10880 | 0 | - |

EFV: efavirenz, LPV: lopinavir, NVP: nevirapine, ART: antiretroviral therapy and SAM: Severe acute malnutrition. Reported as median (range) unless otherwise specified.

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