Supplementary Table 1: Maternal and Infant Characteristics by Treatment Arm

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|  | **TDF****n (%) or median (IQR)** | **Placebo****n (%) or median (IQR)** | **Overall****n (%) or median (IQR)** |
| **Maternal Characteristics** | **N=71** | **N=69** | **N=140** |
| *At study treatment initiation:* |  |  |  |
| Gestational age (weeks) | 28.3 (27.9 to 28.6) | 28.1 (27.7 to 28.6) | 28.1 (27.9 to 28.6) |
| Age (years) | 25.9 (23.0 to 29.2) | 26.7 (23.5 to 29.2) | 26.7 (23.3 to 29.2) |
| Height (cm) | 158 (153 to 164) | 157 (151 to 160) | 157 (153 to 160) |
| Weight (kg) | 63 (56 to 72) | 62 (54 to 68) | 62 (56 to 71) |
| HBV DNA (log10 IU/mL) | 8.2 (7.5 to 8.5) | 7.9 (7.1 to 8.3) | 8.0 (7.3 to 8.4) |
| Education level lower than high school | 33 (46%) | 39 (57%) | 72 (51%) |
| Household income (Thai Baht) | 15,000 (10,000 to 20,000) | 18,000 (10,000 to 30,000) | 18,000 (10,000 to 21,000) |
| *At delivery:* |  |  |  |
| Gestational age (weeks) | 39.0 (38.4 to 40.1) | 39.1 (38.1 to 40.1) | 39.1 (38.3 to 40.1) |
| HBV DNA (log10 IU/mL) | 3.9 (3.0 to 4.8) | 7.8 (6.8 to 8.4) | 5.3 (3.6 to 7.9) |
| *During postpartum:* |  |  |  |
| Breastfed | 68 (96%) | 67 (97%) | 135 (96%) |
| Breastfeeding duration (months) | 6.1 (3.1 to 11.8) *(N=68)* | 6.2 (4.0 to 12.0) *(N=67)* | 6.1 (3.8 to 12.0) *(N=135)* |
| *At time of BMD assessment:* |  |  |  |
| Weight (kg) | 56 (50 to 66) | 54 (49 to 62) | 55 (50 to 62) |
| **Infant Characteristics** | **N=70** | **N=67** | **N=137** |
| *At birth:* |  |  |  |
| Male sex | 38 (54%) | 31 (46%) | 69 (50%) |
| Ballard score | 39 (36 to 41) *(N=66)* | 39 (36 to 41) *(N=64)* | 39 (36 to 41) *(N=130)* |
| Preterma | 3 (5%) *(N=66)* | 3 (5%) *(N=64)* | 6 (5%) *(N=130)* |
| WHO weight-for-age z-score | -0.53 (-1.20 to 0.15) | -0.30 (-1.01 to 0.25) | -0.40 (-1.13 to 0.16) |
| WHO length-for-age z-score | 0.46 (-0.47 to 1.12) | 0.59 (-0.47 to 1.12) | 0.46 (-0.47 to 1.12) |
| *At 12 months of age:* |  |  |  |
| Confirmed positive HBV infection status | 0 (0%) | 2 (3%) | 2 (1%) |
| Could walk by him/herself | 51 (73%) | 51 (76%) | 102 (74%) |
| *At time of BMD assessment:* |  |  |  |
| Age (weeks) | 53.1 (51.5 to 54.8) | 52.8 (51.5 to 53.8) | 53.0 (51.5 to 54.1) |
| WHO weight-for-age z-score | -0.55 (-1.20 to 0.19) | -0.41 (-1.02 to 0.29) | -0.49 (-1.06 to 0.25) |
| WHO length-for-age z-score | -0.43 (-1.22 to 0.46) | -0.53 (-1.18 to 0.65) | -0.46 (-1.18 to 0.58) |

a Birth before 37 weeks of gestation.

Abbreviations: BMD, bone mineral density; DNA, deoxyribonucleic acid; HBV, hepatitis B virus; IQR, interquartile range; TDF, tenofovir disoproxil fumarate; WHO, World Health Organization.