**Supplementary Materials:** The following are available online at www.mdpi.com/xxx/s1, Table S1: Comparison of 774 infants included versus 369 infants excluded in the Vitamin D study, Cape Town, South Africa.

|  |  |  |
| --- | --- | --- |
| Variables | Included in vitamin D study (n=774) | Excluded in the vitamin D study (n=369) |
| Study site |  |  |
| Mbekweni | 411 (53.1) | 223 (60.4) |
| TC Newmann | 363 (46.9) | 146 (39.6) |
| Female | 366 (47.3) | 188 (51.0) |
| HIV Exposed | 166 (21.4) | 82 (22.4) |
| Prmaturity (< 37 weeks) | 98 (12.7) | 96 (26.0) |
| Season birth |  |  |
| Summer (Dec–Feb) | 220 (28.4) | 68 (18.2) |
| Autumn (March–May) | 195 (25.2) | 86 (23.3) |
| Winter (June–August) | 189 (24.4) | 117 (31.7) |
| Spring (Sept– Nov) | 170 (22.0) | 99 (26.8) |
| Mother’s education |  |  |
| Primary | 58 (7.5) | 28 (7.6) |
| Some Secondary | 413 (53.4) | 196 (53.1) |
| Completed Secondary | 256 (33.1) | 119 (32.2) |
| Some Tertiary | 47 (6.1) | 26 (7.1) |
| Breastfeeding intiated | 718 (92.8) | 329 (90.4) |
| Socioeconomic status |  |  |
| Lowest | 184 (23.8) | 90 (24.4) |
| Moderate Low | 195 (25.2) | 101 (27.4) |
| Moderate high | 198 (25.6) | 92 (24.9) |
| High | 197 (25.4) | 86 (23.3) |