Supplementary material (online)

Title: Impact of Postnatal Age on Neonatal Intensive Care Unit Bloodstream Infection Reporting

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| Supplemental Table: Hospital-onset Bacteremia (HOB) Incidence per 1000 NICU-days by Birthweight Group: During Two-Week Time Intervals by Postnatal Age | | | | | |
|  |  | Postnatal Age | | | |
|  |  | Weeks 1-2 ^ | Weeks 3-4 | Weeks 5-6 | >Week 6 ^^ |
| JHCC Level IV NICU | |  |  |  |  |
| ≤1500g | No. of admissions | 454 | 426 | 350 | 375 |
|  | No. of HOBs | 12 | 7 | 4 | 16 |
|  | NICU days | 4602 | 5082 | 4121 | 14387 |
|  | Rate /1000 NICU days (95% CI) | 2.61 (1.13 – 4.08) | 1.38 (0.36 – 2.40) | 0.97 (0.02 – 1.92) | 1.11 (0.57 – 1.66) |
| >1500g | No. of admissions | 1613 | 679 | 281 | 170 |
|  | No. of HOBs | 7 | 5 | 2 | 5 |
|  | NICU days | 11175 | 5798 | 2600 | 4683 |
|  | Rate /1000 NICU days (95% CI) | 0.63 (0.16 – 1.09) | 0.86 (0.11 - 1.62) | 0.77 (-0.30 - 1.84) | 1.07 (0.13 - 2.00) |
| HCGH Level III NICU | |  |  |  |  |
| ≤1500g | No. of admissions | 128 | 121 | 112 | 110 |
|  | No. of HOBs | 5 | 2 | 1 | 0 |
|  | NICU days | 1328 | 1587 | 1398 | 3615 |
|  | Rate /1000 NICU days (95% CI) | 3.77 (0.46 – 7.07) | 1.26 (-0.49 – 3.01) | 0.72 (-0.69 – 2.12) | 0.00 |
| >1500g | No. of admissions | 910 | 371 | 116 | 32 |
|  | No. of HOBs | 0 | 1 | 0 | 0 |
|  | NICU days | 6122 | 3262 | 940 | 405 |
|  | Rate /1000 NICU days (95% CI) | 0.00 | 0.31 (-0.29 – 0.91) | 0.00 | 0.00 |
| JHBMC Level III NICUs | |  |  |  |  |
| ≤1500g | No. of admissions | 186 | 175 | 146 | 119 |
|  | No. of HOBs | 12 | 3 | 1 | 0 |
|  | NICU days | 1884 | 2215 | 1774 | 3779 |
|  | Rate /1000 NICU days (95% CI) | 6.37 (2.77 - 9.97) | 1.35 (-0.18 - 2.89) | 0.56 (-0.54 - 1.67) | 0.00 |
| >1500g | No. of admissions | 679 | 359 | 143 | 52 |
|  | No. of HOBs | 0 | 0 | 0 | 0 |
|  | NICU days | 5330 | 3317 | 1280 | 556 |
|  | Rate /1000 NICU days (95% CI) | 0.00 | 0.00 | 0.00 | 0.00 |
| ^ As at-risk observation time did not include the first 3 days of life (for inborne infants), or the first 3 days of an NICU admission (for infants transferred from another unit or facility).  ^^ time was censored at one year of postnatal age  NICU: Neonatal Intensive Care Unit | | | | | |