**Table 3. Neurologic and short-term neurodevelopmental outcomes of HIE neonates exposed to maternal diabetes compared to non-exposed neonates.**

| ***Neurological measures*** | **None-IDM** **n = 71** | **IDM** **n = 14** | *p-value* |
|---|---|---|---|
| Any MRI injury, n (%) | 37 (53.6) | 9 (69.2) | *P=0.3705* [b] |
| Watershed injury, n (%) | 15 (21.7) | 3 (23.1) | *P>0.9999* [b] |
| Deep nuclear gray pattern of injury, n (%) | 8 (11.6) | 3 (27.3) | *P=0.3686* [b] |
| Clinical seizures, n (%) | 38 (53.5) | 10 (71.4) | *P=0.2525* [b] |
| Electrographic seizures, n (%) | 22 (31.0) | 5 (35.7) | *P>0.9999* [b] |
| Worst EEG background pattern | | | |
| Normal for gestational age, n (%) | 18 (25.3) | 4 (28.5) | *P=0.7504* [b] |
| Excessive discontinuity, n (%) | 41 (57.7) | 6 (42.9) | *P=0.1261* [b] |
| Depressed and undifferentiated and/or burst suppression, n (%) | 10 (14.1) | 2 (14.2) | *P>0.9999* [b] |
| Very low voltage, n (%) | 2 (2.8) | 2 (14.2) | *P=0.1249* [b] |
| Severe background abnormalities*, n (%) | 12 (16.9) | 4 (28.6) | *P=0.4528* [b] |
| Abnormal neuro exam at discharge, n (%) | 23 (32.4) | 10 (71.4) | ***P=0.0138*** [b] |
| Discharged home on antiepileptics, n (%) | 14 (19.7) | 5 (35.7) | *P=0.2893* [b] |
| AIMS score percentile at 4 months | | | *P=0.2828* [b] |
| 10th percentile or less, n (%) | 54 (76.1) | 13 (92.9) | |

[b] *P* values by Fisher's exact test

*Defined as depressed and undifferentiated, burst suppression or very low voltage EEG.