**Outcomes of patients admitted in ICU for complications of hypertensive disorders of pregnancy at a South African tertiary hospital - a 4 year retrospective review**

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**Supplementary data**

**Table 1s Comorbidities and complications - Alive (Neurologically intact plus Neurological adverse maternal outcome) vs Demised**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** |  | **Total** | **Alive** | **Demised** | ***p-*value** |
|  |  | **Count** | **Count (%)** | **Count (%)** |  |
| **Co-morbidities and complications (all)** | No | 39 | 35 (89.7%) | 4 (10.3%) | 0.745 |
|  | Yes | 45 | 39 (86.7%) | 6 (13.3%) |  |
| **HIV** | No | 38 | 34 (89.5%) | 4 (10.5%) | 0.062 |
|  | Yes | 16 | 11 (68.8%) | 5 (31.2%) |  |
| **LRTI (including TB)** | No | 70 | 61 (87.1%) | 9 (12.9%) | 0.724 |
|  | Yes | 11 | 10 (90.9%) | 1 (9.1%) |  |
| **Cardiac disease** | No | 77 | 69 (89.6%) | 8 (10.4%) | 0.155 |
|  | Yes | 7 | 5 (71.4%) | 2 (28.9%) |  |
| **Epilepsy** | No | 82 | 72 (87.8%) | 10 (12.2%) | 0.599 |
|  | Yes | 2 | 2 (100.0%) | 0 (0.0%) |  |
| **Kidney injury / disease** | No | 83 | 73 (88.0%) | 10 (12.0%) | 0.712 |
|  | Yes | 1 | 1 (100.0%) | 0 (0.00%) |  |
| **Coagulopathy / other bleeding** | No | 82 | 72 (87.8%) | 10 (12.2%) | 0.599 |
|  | Yes | 2 | 2 (100.0%) | 0 (0.0%) |  |
| **Puerperal sepsis**  **(n=82)** | No | 80 | 70 (87.5%) | 10 (12.5%) | 0.451 |
|  | Yes | 4 | 4 (100.0%) | 0 (0.0%) |  |
| **Operative delivery** | No | 11 | 6 (54.5%) | 5 (45.5%) | **0.003\*** |
|  | Yes | 73 | 68 (93.2%) | 5 (6.8%) |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| \* The Chi-square statistic is significant at the .05 level. |  |  |  |  |
| LRTI = Lower Respiratory Tract Infection; TB = Tuberculosis. | | |  |  |

**Table 2s Comorbidities and complications- Good outcome (Neurologically intact) vs Poor outcome (Neurological adverse maternal outcome plus Demised)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** |  | **Total** | **Good outcome** | **Poor outcome** | ***p-*value** |
|  |  | **Count** | **Count (%)** | **Count (%)** |  |
| **Co-morbidities and complications (all)** | No | 37 | 29 (78.4%) | 8 (21.6%) | 0.905 |
|  | Yes | 44 | 34 (77.3%) | 10 (22.7%) |  |
| **HIV** | No | 37 | 31 (83.8%) | 6 (16.2%) | **0.017\*** |
|  | Yes | 16 | 8 (50.0%) | 8 (50.0%) |  |
| **LRTI (including TB)** | No | 68 | 52 (76.5%) | 16 (23.5%) | 0.695 |
|  | Yes | 11 | 9 (81.8%) | 2 (18.2%) |  |
| **Cardiac disease** | No | 75 | 59 (78.7%) | 16 (21.3%) | 0.658 |
|  | Yes | 7 | 5 (71.4%) | 2 (28.6%) |  |
| **Epilepsy** | No | 80 | 64 (80.0%) | 16 (20.0%) | **0.046\*** |
|  | Yes | 2 | 0 (0.0%) | 2 (100.0%) |  |
| **Kidney injury / disease** | No | 81 | 63 (77.8%) | 18 (22.2%) | 0.594 |
|  | Yes | 1 | 1 (100.0%) | 0 (0.0%) |  |
| **Coagulopathy / other bleeding** | No | 80 | 62 (77.5%) | 18 (22.5%) | 0.448 |
|  | Yes | 2 | 2 (100.0%) | 0 (0.0%) |  |
| **Puerperal sepsis**  **(n=82)** | No | 78 | 60 (76.9%) | 18 (23.1%) | 0.277 |
|  | Yes | 4 | 4 (100.0%) | 0 (0.0%) |  |
| **Operative delivery** | No | 11 | 5 (45.5%) | 6 (54.5%) | **0.009\*** |
|  | Yes | 70 | 59 (84.3%) | 11 (25.7%) |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| \* The Chi-square statistic is significant at the .05 level. |  |  |  |  |
| LRTI = Lower Respiratory Tract Infection; TB = Tuberculosis. | | |  |  |