**SUPPLEMENTAL TABLE 1. BASELINE DEMOGRAPHICS AND CLINICAL FACTORS AND OUTCOMES FOR ALL PATIENTS WHO WERE MAILED QUESTIONNAIRES STRATIFIED ACCORDING TO TREATMENT STRATEGY (n = 82)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demographic and pre-procedural variables | Endovascular coiling (n=18) | Orbitocranial craniotomy (n=27) | Pterional craniotomy(n=37) | *P* value |
| Sex (male) | 9 (50%) | 17 (63%) | 13 (35%) | 0.086 |
| Age (at treatment) | 51.22 ± 10.55 | 56.52 ± 12.34 |  57.35±10.88 | 0.160 |
| Admit GCS£ | 15 [IQR 14-15][RANGE 6-15] | 15 [IQR 14-15][RANGE 3-15] | 15 [IQR 14-15][RANGE 7-15] | 0.171 |
| HH Stroke Scale |  |  |  |  | 0.715 |
|  | **1** | 10 (56%) | 10 (37%) | 13 (35%) |
| **2** | 3 (17%) | 9 (33%) | 13 (35%) |
| **3** | 3 (17%) | 4 (15%) | 7 (19%) |
| **4** | 1 (6%) | 3 (11%) | 3 (8%) |
| **5** | 0 (3%) | 1 (4%) | 0 (0%) |
| **Missing** | 1 (6%) | 0 (0%) | 1 (3%) |
| Fisher Grade |  |  |  | 0.480 |
|  | **1** | 2 (11%) | 3 (11%) | 3 (8%) |
| **2** | 1 (6%) | 3 (11%) | 4 (11%) |
| **3** | 6 (33%) | 14 (52%) | 13 (35%) |
| **4** | 6 (33%) | 7 (26%) | 11 (30%) |
| **Missing** | 3 (17%) | 0 (0%) | 6 (16%) |
| WFNS Grading Scale |  |  |  | 0.241 |
|  | **I** | 11 (61%) | 16 (59%) | 24 (65%) |
| **II** | 5 (28%) | 6 (22%) | 6 (16%) |
| **III** | 0 (0%) | 0 (0%) | 1 (3%) |
| **IV** | 2 (11%) | 1 (4%) | 4 (11%) |
| **V** | 0 (0%) | 4 (15%) | 0 (0%) |
| **Missing** | 0 (0%) | 0 (0%) | 2 (5%) |
| Aneurysm size¥ (mm) | 5.67 ± 2.44 | 7.36 ± 3.21 |  5.67 ± 2.44 | 0.214 |
| Pre-operative EVD | 3 (17%) | 3 (11%) | 3 (8%) | 0.534 |
| Intra- and post-operative variables | Endovascular coiling (n=18) | Orbitocranial craniotomy (n=27) | Pterional craniotomy(n=37) | ***P* value** |
| Initial post-procedure GCS& | 15 [IQR 9.5-15][RANGE 3-15] | 13.5 [IQR 11-15][RANGE 8-15] | 14 [IQR 11-15][RANGE 7-15] | 0.055 |
| Intra-operative rupture | 3 (17%) | 7 (26%) | 13 (35%) | 0.353 |
| Gyrus rectus resection | 0 (0%) | 0 (0%) | 8 (22%) | 0.290 |
| Intra-operative EVD | 1 (6%) | 11 (41%) | 15 (41%) | 0.020 |
| Repeat procedure for aneurysm security | 5 (28%) | 3 (11%) | 6 (16%) | 0.389 |
| Infection | 4 (22%) | 9 (33%) | 15 (41%) | 0.403 |
| Hemiplegia | 1 (6%) | 1 (4%) | 1 (6%) | 0.658 |
| Stroke | 1 (6%) | 1 (4%) | 3 (8%) | 0.846 |
| Hematoma | 2 (11%) | 1 (4%) | 7 (19%) | 0.232 |
| Vasospasm | 4 (22%) | 12 (44%) | 19 (51%) | 0.119 |
| Residual aneurysm | 6 (33%) | 7 (26%) | 12 (32%) | 0.819 |
| Post-operative rebleed | 1 (6%) | 0 (0%) | 1 (3%) | 0.699 |
| Meningitis | 0 (0%) | 1 (4%) | 1 (3%) | 1.00 |
| Post-operative EVD insertion | 5 (28%) | 11 (41%) | 15 (41%) | 0.611 |
| Hydrocephalus | 3 (17%) | 8 (30%) | 13 (35%) | 0.368 |
| Discharge mRS^ |  |  |  | 0.468 |
| 0-23-6Missing | 15 (83%) | 18 (66%) | 22 (59%) |  |
| 3 (17%) | 8 (30%) | 14 (38%) |  |
| 0 (0%) | 1 (4%) | 1 (3%) |  |
|  |  |  |  |
| Discharge GCS! | 15 [IQR 15-15] [RANGE 12-15] |  14 [IQR 13-15] [RANGE 3-15] | 15 [IQR 13.5-15][RANGE 8-15] | 0.025 |
| Hospital LOS$ (days) | 15.5 ± 9.43 | 31.04 ± 28.46 | 29.49 ± 21.35 | 0.020 |
| ICU LOS¢ (days) | 9.75 ± 6.20 | 15.50 ± 14.94 | 14.39 ± 11.22  | 0.298 |

Data are mean ± STD, median [range], or frequency (%)
Asterisk (\*) indicates statistically significant values
£ comparison contains: Endovascular coiling n=17, Orbitocranial craniotomy n=27, Pterional craniotomy n=36
¥ comparison contains: Endovascular coiling n=15, Orbitocranial craniotomy n=26, Pterional craniotomy n=29

**&** comparison contains: Endovascular coiling n=17, Orbitocranial craniotomy n=22, Pterional craniotomy n=34

**^** comparison contains: Endovascular coiling n=18, Orbitocranial craniotomy n=26, Pterional craniotomy n=36

**!** comparison contains: Endovascular coiling n=16, Orbitocranial craniotomy n=21, Pterional craniotomy n=32

**$** comparison contains: Endovascular coiling n=16, Orbitocranial craniotomy n=22, Pterional craniotomy n=35

**¢** comparison contains: Endovascular coiling n=16, Orbitocranial craniotomy n=22, Pterional craniotomy n=33

Abbreviations: EVD = External ventricular drain, GCS = Glasgow Coma Scale, HH = Hunt and Hess, NA = not available, WFNS = World Federation of Neurological Societies