

Supplemental Table 2: Technical and Non-Technical Performance Scores

| Variable   | Control Group<br>(n=34) | Intervention Group<br>(n=33) | p-Value             | Adjusted Odds Ratio<br>[95% CI]/Median<br>Difference [95% CI] |
|--|-------------------------|------------------------------|---------------------|---|
| Vigilance (1-9)  | 7.5 [7.0-8.0]           | 7.0 [4.7-7.5]                | <0.001 <sup>#</sup> | 1.0 [0.5-1.5]   |
| Decision Making (1-9)  | 7.0 [6.0-8.0]           | 6.0 [4.2-7.0]                | 0.003 <sup>#</sup>  | 1.5 [0.5-2.0]   |
| Communication (1-9)  | 7.7 [7.0-8.1]           | 6.0 [4.5-6.7]                | <0.001 <sup>#</sup> | 2.0 [1.5-2.5]   |
| Teamwork (1-9)   | 8.0 [7.0-8.0]           | 6.0 [4.5-7.0]                | <0.001 <sup>#</sup> | 2.0 [1.0-2.5]   |
| Medical Technical<br>Performance (1-9)   | 7.5 [6.0-8.0]           | 6.0 [4.7-6.0]                | <0.001 <sup>#</sup> | 1.0 [0.5-2.0]   |
| Non-Technical Skills<br>Performance (1-9)  | 8.0 [7.0-8.0]           | 6.0 [4.2-7.0]                | <0.001 <sup>#</sup> | 1.5 [1.0-2.0]   |
| Did the Resident Perform<br>at an Adequate Level n (%<br>yes)  | 31 (91.2)               | 21 (63.6)                    | 0.009 <sup>^</sup>  | 0.16 [0.04-0.67]  |
| Continuous variables reported as median [IQR], categorical variables reported as n(%), ^ denotes Chi-square test, # denotes Mann-Whitney U Test, IVF: Intravenous Fluids, OR: Operating Room |                         |                              |                     |   |