Online Supplement:

Modifiable aspects of the rapid sequence induction (RSI) procedure on the subset of respondents that perform modified RSI procedures and consistently completed Items 8-11. Estimates correspond to either probabilities and their 95% confidence intervals or the odds ratio comparing attendings to residents (reference group).

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| --- | --- | --- | --- |
|  | All: p (95% CI) | Status: p (95% CI) | Status Comparison |
|  | N=430 | ResidentN=194 | AttendingN=236 | OR (95% CI) | P-value |
| **Oxygenate before induction**  | 1.00 (---) | 1.00 (---) | 1.00 (---) | --- | --- |
| **Apply cricoid pressure**  | 0.90 (0.85, 0.94) | 0.92 (0.86, 0.95) | 0.89 (0.83, 0.93) | 0.73 (0.37, 1.41) | 0.344 |
| **Ventilate patient with a facemask**  | 0.78 (0.72, 0.83) | 0.73 (0.64, 0.80) | 0.82 (0.76, 0.87) | 1.69 (1.11, 2.57) | 0.015 |
| **Apply cricoid pressure and ventilate patient with a facemask** | 0.71 (0.64, 0.77) | 0.66 (0.58, 0.74) | 0.75 (0.67, 0.82) | 1.51 (1.01, 2.26) | 0.045 |