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| **eTable 3.** Ventilation pressures and respiratory mechanics with ‘standard PEEP and ‘targeted PEEP’ at the three predefined intra-abdominal pressure levels |
|  | **Intra–abdominal pressure** | **Standard PEEP**  | **Targeted PEEP** | **Difference [95% CI]** | ***P*–value** |
| **Compliance** | **mm Hg** | **cmH2O** |
| **Respiratory system**  | 81215 | 10.816.320.4 | 33 [27 – 47]31 [27 – 36]27 [22 – 31] | 44 [37 – 52]36 [30 – 48]35 [29 – 42] | 9 [2 – 15]7 [2 – 13]8 [4 – 13] | 0.0090.005< 0.001 |
| **Lung** | 81215 | 10.816.320.4 | 49 [35 – 67]44 [33 – 60]36 [28 – 50] | 64 [53 – 86]59 [44 – 96]57 [44 – 68] | 17 [3 – 30]17 [5 – 33]17 [7 – 29] | 0.0130.0040.002 |
| **Chest wall** | 81215 | 10.816.320.4 | 133 [100 – 190]116 [91 – 158]100 [75 – 165] | 136 [103 – 193]102 [80 – 154]100 [80 – 127] | 0 [-33 – 27]11 [-19 – 38]6 [-18 – 34] | 0.7830.4540.583 |
| Data are reported as median [25th–75th percentile].Abbreviations: *PEEP*, positive end–expiratory pressure; *CI*, confidence interval. P values reported for univariate analysis. Wilcoxon rank sum test were applied. Compliance values are reported in ml∙cm H2O-1. |