**Supplement 5.** Content validity of each statement in checklists

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| Statements of checklists of ETI and CVC | Content validity index viewed by each expert | Average |
| Expert 1 | Expert 2 | Expert 3 | Expert 4 |
| ETI1: remove any denture, or foreign bodies in the oral cavity. | 0.8 | 0.9 | 0.7 | 0.8 | 0.8 |
| ETI2: maintain sniffing position, with preoxygenation by bag-valve mask. | 0.7 | 0.9 | 0.8 | 0.9 | 0.83 |
| ETI3: proper use of laryngoscope, without grinding the teeth. | 0.7 | 0.8 | 0.7 | 0.9 | 0.78 |
| ETI4: remove stylet and inflate the cuff. | 0.8 | 0.9 | 0.8 | 0.7 | 0.8 |
| CVC1: choose puncture site, apply local anesthesia, and place the larger introducer needle. | 0.9 | 0.8 | 0.7 | 0.8 | 0.8 |
| CVC2: insert the guide wire properly with sterile technique and appropriate depth. | 0.8 | 0.8 | 0.9 | 0.7 | 0.8 |
| CVC3: place the skin dilator properly with appropriate depth. | 0.8 | 0.9 | 0.9 | 0.7 | 0.83 |
| CVC4: insert the catheter properly. | 0.9 | 0.8 | 0.7 | 0.9 | 0.83 |
| Intraclass correlation coefficients | 0.78 |

ETI, endotracheal intubation; CVC, central venous catheterization.