

## Supplementary Material 2. Standardized non-technical skills assessment

Assessment category	Assessment criteria	Score
Task Management	Tasks are allocated reasonably with clear priorities Equipment is prepared and procedures are performed skillfully Multiple tasks are managed effectively without confusion	
Teamwork	Good collaboration among team members with clear division of labor Effective communication to avoid misunderstandings Plays an active role in the team, supporting other members	
Communication	Information is conveyed clearly and accurately Effectively listens to others' opinions Effectively communicate critical information in emergencies	
Sustained Vigilance	Continuous attention to the patient's condition without negligence Timely identification of potential issues Maintains focus during prolonged operations	
Crisis Identification	Rapid identification of crisis situations Timely measures taken to address crises Remains calm in crisis situations	
Decision Making	Can make sound decisions quickly Adjust decisions based on circumstances Can explain the basis for decisions	
Self-Confidence	Confidence in own skills and decisions Maintains confidence under pressure Learn from mistakes and makes improvements	