Data Supplement 1. A standardized pre-procedural checklist for intubating trauma patients.

The checklist has two components: 1) pre-arrival checklist to be completed before the patient arrives in the resuscitation bay, and 2) pre-induction checklist to be completed after the decision to intubate and before rapid sequence intubation medications are administered.

1) Pre-Arrival Checklist

All items must be verbalized by physician responsible for intubation

1. Oxygen mask and nasal cannula available and connected to oxygen
2. Oral airway available
3. Suction available and running
4. Laryngoscope blade and handle available and functional
5. Tube/stylet available and shaped appropriately
6. Extra tubes and stylet available
7. Bougie available
8. Backup devices available (including laryngeal mask airway, King Airway System, cricothyrotomy kit)
9. Monitors and video laryngoscope screen positioned appropriately
10. Bag-valve mask with ETCO₂ attachment available
11. IV fluid available
12. Individual designated to hold cervical spine stabilization
13. Airway plan verbalized

2) Pre-Induction Checklist

All items must be verbalized by the Nurse Scribe and confirmed by the physician responsible for intubation

1. Pre-arrival checklist completed
2. Airway plan confirmed between Trauma and ED attending physicians
3. IV line functioning
4. Rapid sequence intubation medication and doses confirmed and drawn up
5. Cervical spine inline stabilization initiated (if necessary)
6. Pre-oxygenation underway with mask at 15 liters/min and nasal cannula at 5 liters/min
7. Patient positioning optimized
8. Blood pressure cuff placed on opposite arm of IV line and pulse oximetry probe