

Assessed for eligibility (n=251)

- ◆ Not met inclusion criteria (n=181)
 - Aged < 20 y/o : 28
 - Difficult airway : 13
 - PatientD eclined: 10
 - ICU Case :25
 - Conscious unclear: 15
 - Loss explanationf or patient:90

Invited patient (n= 70)

TOC Group (n=35)

- ◆ Received allocated to the tracheal lumen-covered

TOE Group (n=35)

- ◆ Received allocated to tracheal lumen-exposed

◆ Patient Withdrawn:(n=0)

◆ PatientW ithdrawn:(n=0)

Clinical assessment

Demographic information

- *Age 、 Gender 、 BMI 、 ASA
- *Upper Airway Characteristics

Intubation condition

- *I ntubating time interval
- *I ntubation attempts &B URP Maneuver
- *D uration of tracheal operation time

Post intubation

- *Side effects: (Hoarseness 、 Sore throat 、 Odynophagia)

Anesthesia induction

Fentanyl 2 μ g/kg + Thiamylal 5 mg/kg+ Cisatracurium0 .15m g/kg
+p ropofol1 mg/kg

Discontinued intervention (n=2)

- ◆ Duration of surgery ime> 6 hrs (n=2)
- No patient loss follow-up except 2 duration of surgery time> 6 hrs

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Complete data analysis(n=33)

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