



Safer Practice Notice

Status
 Active
 Updated
 Resolved

Zone Application
 Provincial
 North
 Edmonton
 Central
 Calgary
 South

28 Mar 2016

For Action By:

- Emergency Departments
- ICU
- PICU
- PCICU
- EMS
- Respiratory
- Anesthesiologists
- Physicians
- Nurses
- Nurse Educators

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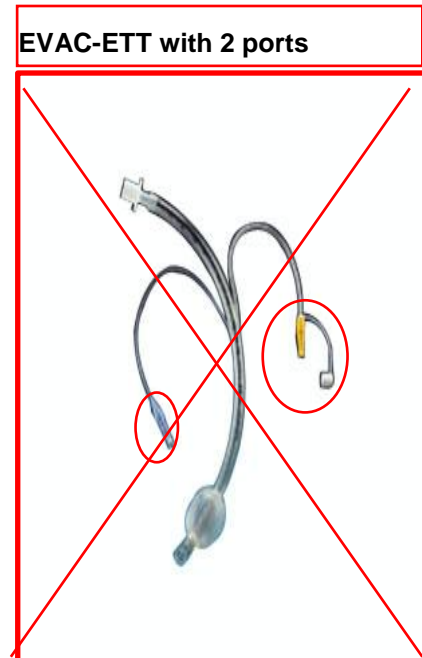
DO NOT USE Endotracheal tubes with subglottic suction (EVAC-ETT) in pediatrics

Issue

- improperly sized endotracheal tubes (ETT) with subglottic suction (EVAC-ETT) can cause harm to pediatric patients
- the EVAC-ETT has a larger outer diameter as compared to the same size standard cuffed ETT
- this has led to inappropriately large tubes being placed with post extubation complications and tracheal injury

Action

- **only use** standard cuffed ETT with pediatric patients (17 years and under)
- ensure the ETT you are working with has only one port (see below)
- measure the cuff pressure on the ETT via a cuff manometer
- cuff pressure should never exceed 25 cm of H2O



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