Flex-Tip® Technology From Salter
Advancing the art of intubation

Striving to be #1 IN PATIENT SATISFACTION
Salter now brings you Salter Flex-Tip™ technology

In 1996, Dr. Jeff Parker (Parker Medical) identified an inherent short-coming with standard endotracheal tube designs which frequently led to slower, more difficult, and often traumatic intubations when performed by anesthesiologists of all skill levels.

His research concluded that the rigid and side-beveled tip geometry of endotracheal tubes were the cause of such difficulties, and he proceeded to introduce clinicians to a completely new product called the Parker Flex-Tip®.

This revolutionary centered-tip design was rapidly recognized as a significant improvement resulting in easier intubations as well as dramatic improvements in patient safety. Independent clinical studies from around the world demonstrate significant clinical advantages over standard ETTs12.

At Salter Labs, we are pleased to continue Dr. Parker’s legacy with the Salter Flex-Tip™ family of products in an ever-widening range of styles and sizes to suit most any intubation need.

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Advancing the art of intubation

**Flex-Tip**
Endotracheal Tube Tip

**Standard**
Endotracheal Tube Tip

A unique, patented design that helps avoid airway collisions, providing a smooth and easy intubation.

- Atraumatic Flex-Tip reduces the incidence of airway collision
- Soft, flexible, rounded tips glide through airway anatomy
- Centered tip prevents trauma to the airway
- Tip closely hugs intubation guides, introducers, and stylets
Clinically-proven intubation experience

Clinical studies suggest smoother intubations across a range of situations\(^1,2\)

**Ease of Intubation**

- **Mallinckrodt**
  - Easier: 31%
  - More difficult: 15%

- **Salter Flex-Tip\(^\text{TM}\)**
  - Easier: 15%
  - More difficult: 52%

**Easier**

- **Mallinckrodt**
  - 52% easier intubation

- **Salter Flex-Tip\(^\text{TM}\)**
  - 73% easier intubation

For all non-difficult airway patients intubated with GlideScope\(^1\)

**For non-difficult airway patients intubated with GlideScope where airway was difficult to visualize\(^1,\text{a}\)**

**Ease of Intubation**

- **Mallinckrodt**
  - Easier: 38%
  - More difficult: 21%

- **Salter Flex-Tip\(^\text{TM}\)**
  - Easier: 21%
  - More difficult: 38%

**Easier**

- **Mallinckrodt**
  - 45% easier intubation

- **Salter Flex-Tip\(^\text{TM}\)**
  - 89% less severe bleeding

For non-difficult airway patients intubated with GlideScope without paralysis\(^1,\text{b}\)

**For nasotracheal intubation of non-difficult airway patients**\(^2\)

- **Rusch**
  - Easier: 18%
  - More difficult: 2%

- **Salter Flex-Tip\(^\text{TM}\)**
  - Easier: 21%

\(^\text{a}\)Cormack-Lehane (CL) score. 2 indicates only partial view of glottis or arytenoid cartilage.

\(^\text{b}\)Partial paralysis included any cases with muscle twitches measured using nerve stimulator with train-of-four stimuli.
A wide range of shapes and sizes to accommodate a variety of pediatric and adult patients

Salter Flex-Tip™ family of products

- **High Volume Low Pressure, Cuffed**
  - PFHV
  - 4.0 mm – 9.5 mm

- **Low Profile, Cuffed**
  - PFLP
  - 3.0 mm – 9.5 mm

- **Uncuffed**
  - PFUO
  - 2.5 mm – 7.0 mm

- **Preformed, Nasal, Cuffed**
  - PFNC
  - 4.0 mm – 9.0 mm

- **Preformed, Nasal, Uncuffed**
  - PFNU
  - 3.0 mm – 7.0 mm

- **Tracheal Tube with malleable stylet. High Volume Low Pressure, Cuffed**
  - PFST
  - 4.0 mm – 9.5 mm
A wide range of shapes and sizes to accommodate a variety of pediatric and adult patients

Salter Flex-Tip™ family of products

**Preformed, Oral, Cuffed**  
PFOC  
4.0 mm – 9.0 mm

**Preformed, Oral, Low Profile Cuff**  
PFOL  
3.0mm – 5.5mm

**Preformed, Oral, Uncuffed**  
PFOU  
3.0 mm – 9.0 mm

**Reinforced, Cuffed**  
PFRC  
5.5 mm – 9.5 mm

**Reinforced, Uncuffed**  
PFRU  
3.0 mm – 5.0 mm

**Easy Curve Articulating Tube, Cuffed**  
PFEC  
5.0 mm, 6.0 mm, 7.0 mm, 8.0 mm
Malleable Metal Intubation Stylet

STLT
Aluminum stylet enclosed in PVC sheath with blunt ends to reduce risk of trauma
Available in three sizes: 6 Fr, 10 Fr, and 14 Fr

Intubating stylets

Magill-Type, ThinCuff Shorter cuff, close to tip of the tube, no Murphy eyes
PTCL
3.0 mm – 7.0 mm

Murphy-Type, ThinCuff Longer cuff, two Murphy eyes
PTCY
6.0 mm – 9.5 mm

Microlaryngeal, Cuffed
PMLT
4.0 mm, 5.0 mm, 6.0 mm

Nasopharyngeal Airway
NPA
12 Fr – 36 Fr
Clinically-proven intubation experience

Salter’s expanding range of innovative products for airway management and capnography set the standard of performance and patient safety. Our products’ innovative features were designed by actual clinicians, from the first true advance in laryngoscope lighting in decades to flexible endotracheal tube tips and now introducing the air-Q® family of Intubating Laryngeal Airways.

Improve intubation safety with Salter’s innovative airway management products

- air-Q Masked Laryngeal Airway
- IntuBrite Laryngoscopes
- Flex-Tip Endotracheal Tubes

SalterSTAT Capnography

- Orange Series for Reflective Connector Systems
- Blue Series for Mask Applications
- Green Series for Luer-Style Connector Systems