

Medtronic

Confidence for you. Benefits for patients.

With Shiley™ endotracheal tubes
featuring TaperGuard™ cuff technology



An opportunity to advance patient care

In the surgical setting, postoperative pulmonary complications (PPCs) are expensive – and deadly. Here are the facts:

- PPCs are the leading cause of hospital readmissions¹ – affecting one in eight patients.²
- They are associated with 70 percent of all postoperative hospital deaths among patients without known respiratory problems before surgery.²
- Postoperative pneumonia alone has been shown to increase hospital costs by 55 percent – accounting for \$8.98 billion.³

Working together on the solution

Better strategies for the prevention and management of PPCs could lead to greatly improved outcomes and substantial savings.³

That's why we worked with clinicians to develop TaperGuard™ cuff technology for Shiley™ endotracheal tubes.

90 percent reduction in aspiration

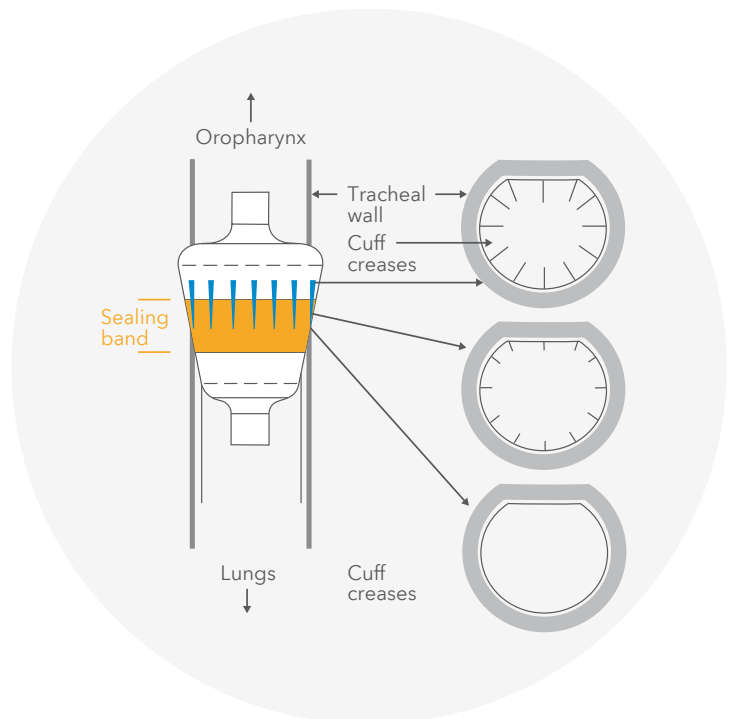
On average, compared to the Hi-Lo cuff⁴

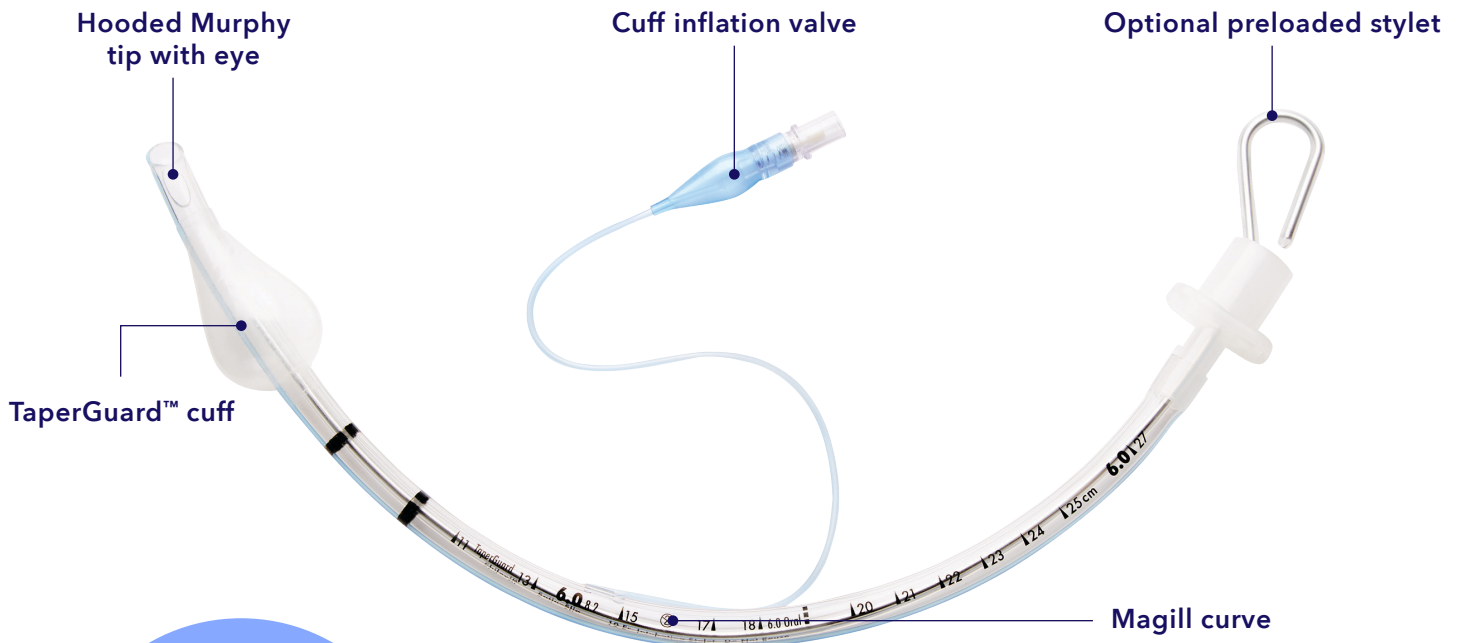


Shiley™ evac with
TaperGuard™ cuff



Shiley™ tracheal tube
with Hi-Lo™ cuff





Enhancing lung protection, gently.

Shiley™ endotracheal tubes with TaperGuard™ cuff technology have a number of benefits, including:

- Enhanced lung protection^{4,†}
- Decreased incidence of sore throat⁵
- Reduced pressure on the tracheal wall^{4,†}

†Compared to Shiley™ endotracheal tubes with Hi-Lo cuff.

The Shiley™ endotracheal tube with TaperGuard™ cuff

I.D. (MM)	O.D. (MM)	Product code	With preloaded stylet
5.0	6.9	18750	18750S
5.5	7.5	18755	18755S
6.0	8.2	18760	18760S
6.5	8.9	18765	18765S
7.0	9.5	18770	18770S
7.5	10.2	18775	18775S
8.0	10.8	18780	18780S
8.5	11.4	18785	18785S
9.0	12.1	18790	18790S
10.0	13.5	18710	18710S

For trained personnel only. For specific indications and instructions for use, please refer to the IFU.

1. Jencks SF, Williams MV, Coleman EA. Rehospitalizations among patients in the Medicare fee-for-service program. *N Engl J Med.* 2009;360(14):1418-1428.
2. Bent S, Toschlog E. Reducing the risk for microaspiration and postintubation pulmonary complications in the surgical and critical care settings: innovations in endotracheal tube cuff design. *Special Report.* August 2012.
3. Linde-Zwirble W, Bloom J, Mecca R, Hansell D. Postoperative pulmonary complications in adult elective surgery patients in the US: severity, outcomes, and resources use. *Crit Care.* 2010;14(suppl 1):P210(S73-S74).
4. Shiotsuka J, Lefor AT, Sanui M, Nagata O, Horiguchi A, Sasabuchi Y. A quantitative evaluation of fluid leakage around a polyvinyl chloride tapered endotracheal tube cuff using an in vitro model. *HSR Proc Intensive Care Cardiovasc Anesth.* 2012;4(3):169-175.
5. Chang JE, Kim H, Han SH, Lee JM, Ji S, Hwang JY. Effect of endotracheal tube cuff shape on postoperative sore throat after endotracheal intubation. *Anesth Analg.* 2017;125(4):1240-1245.

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