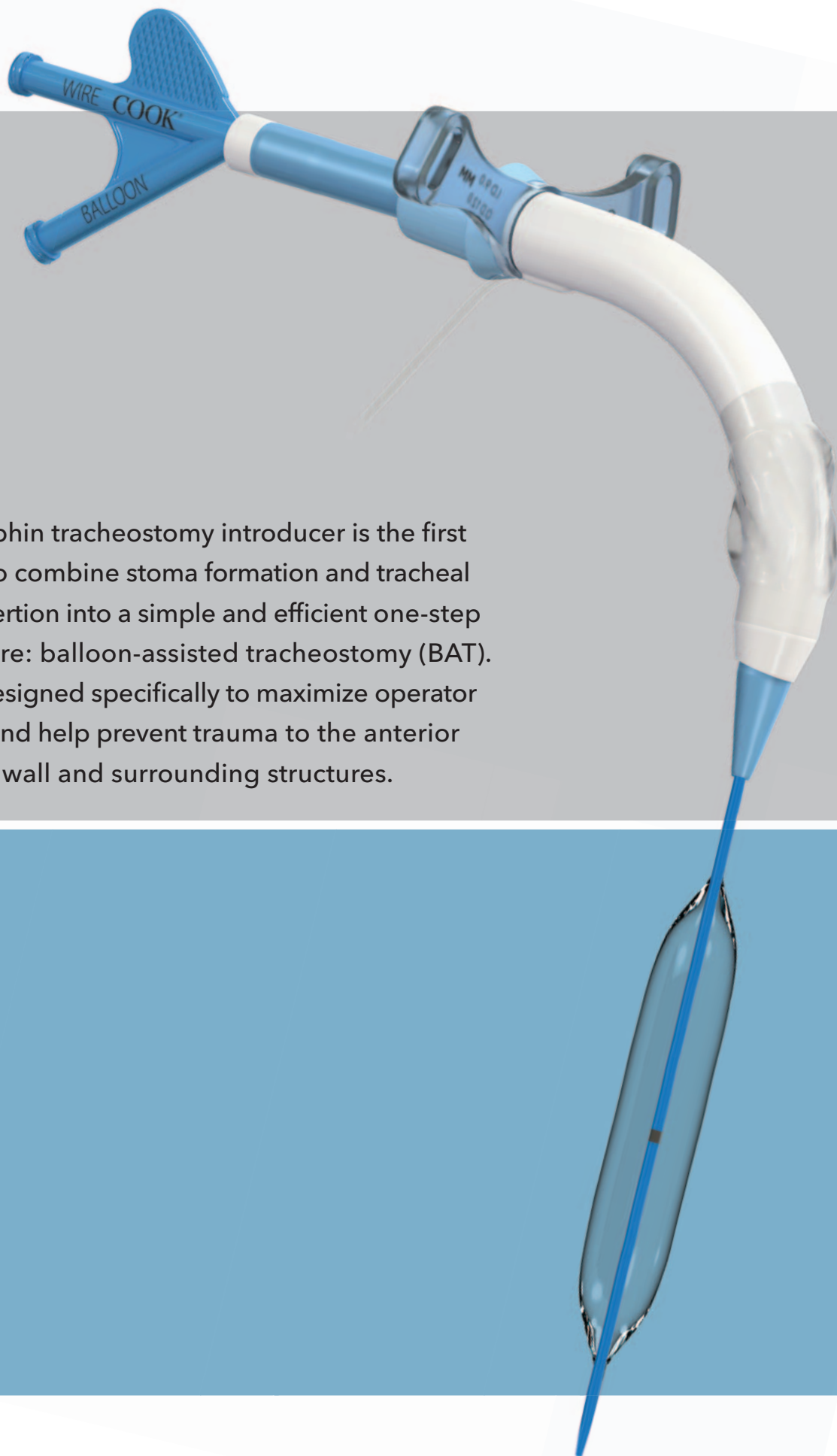




# BALLOON-ASSISTED TRACHEOSTOMY PRODUCTS



Maximize control with  
balloon-assisted tracheostomy (BAT).



The Dolphin tracheostomy introducer is the first device to combine stoma formation and tracheal tube insertion into a simple and efficient one-step procedure: balloon-assisted tracheostomy (BAT). It was designed specifically to maximize operator control and help prevent trauma to the anterior tracheal wall and surrounding structures.

## Reduced Risk of Trauma

Balloon provides even and controlled radial dilatation, improving procedural safety by minimizing the risk of trauma to the anterior tracheal wall and surrounding structures, and eliminating the need to incise or resect tracheal rings.

## Prevention of Airway Leakage and Aerosolization

Dolphin is inserted in one simple pass and fits securely within the trachea during dilation, reducing the opportunity for airway leakage and blood aerosolization that can occur during dissection with a multistep, open procedure.

## Improved Preservation of Tissue Elasticity

Following radial dilatation, tissue conforms around the tracheostomy tube, creating a tight fit that helps prevent airway leakage, accidental dislodgement and bleeding.

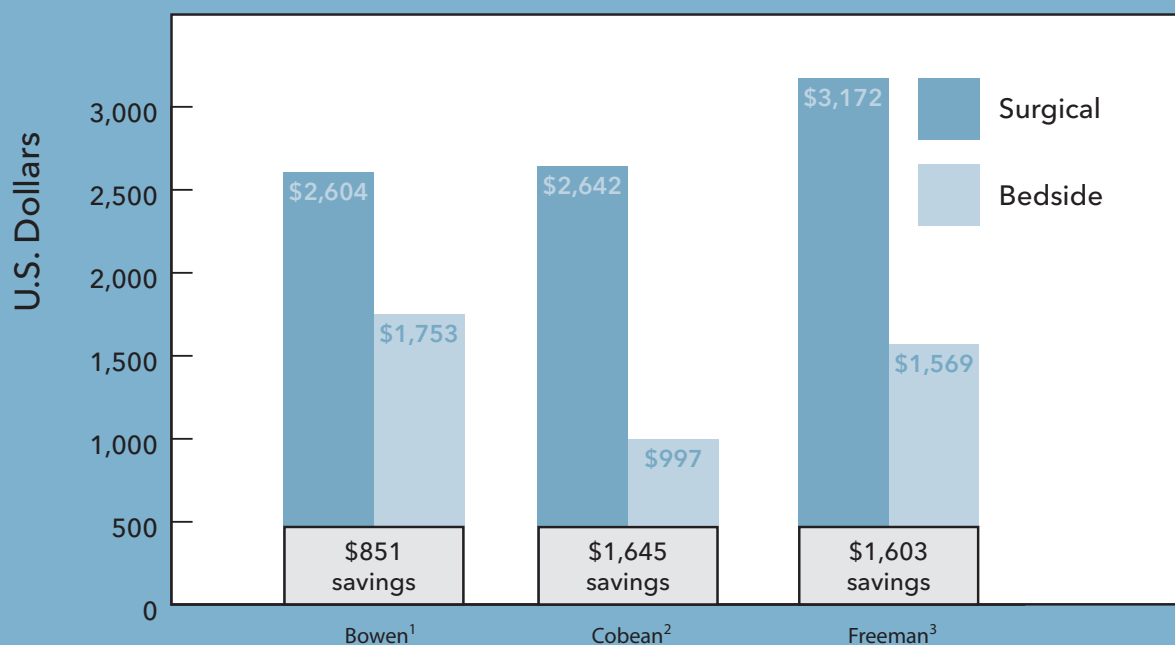
## Efficiency and Convenience for Operator

Simple one-step device is easy to control and optimizes procedure time—a significant benefit when operating on critically ill patients.

## Bedside Procedure

Ability to perform the procedure bedside eliminates high OR costs, scheduling conflicts and safety risks during transport, allowing more efficient management of your patient population.

Cost Difference of Bedside vs. Surgical Tracheostomy



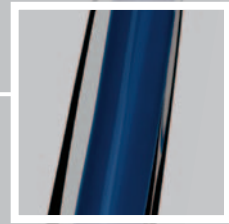
As a leader in the application of balloon technology, Cook Medical has developed a noncompliant nylon balloon to dilate even hardened, calcified tissues while still allowing the operator to maintain maximum control. The balloon retains its shape under pressure—preventing continued expansion in size that could potentially damage the tracheal wall.



## Low Crossing Profile

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Hexafold balloon is tightly wrapped to create a low crossing profile for ease of insertion and removal, and decreased tissue disruption.



## Short Shoulder Design

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When inflated, balloon's short shoulder helps prevent unwanted contact with tracheal wall, minimizing the risk of trauma and improving procedural safety.

## Optimized Nylon-Blend Material

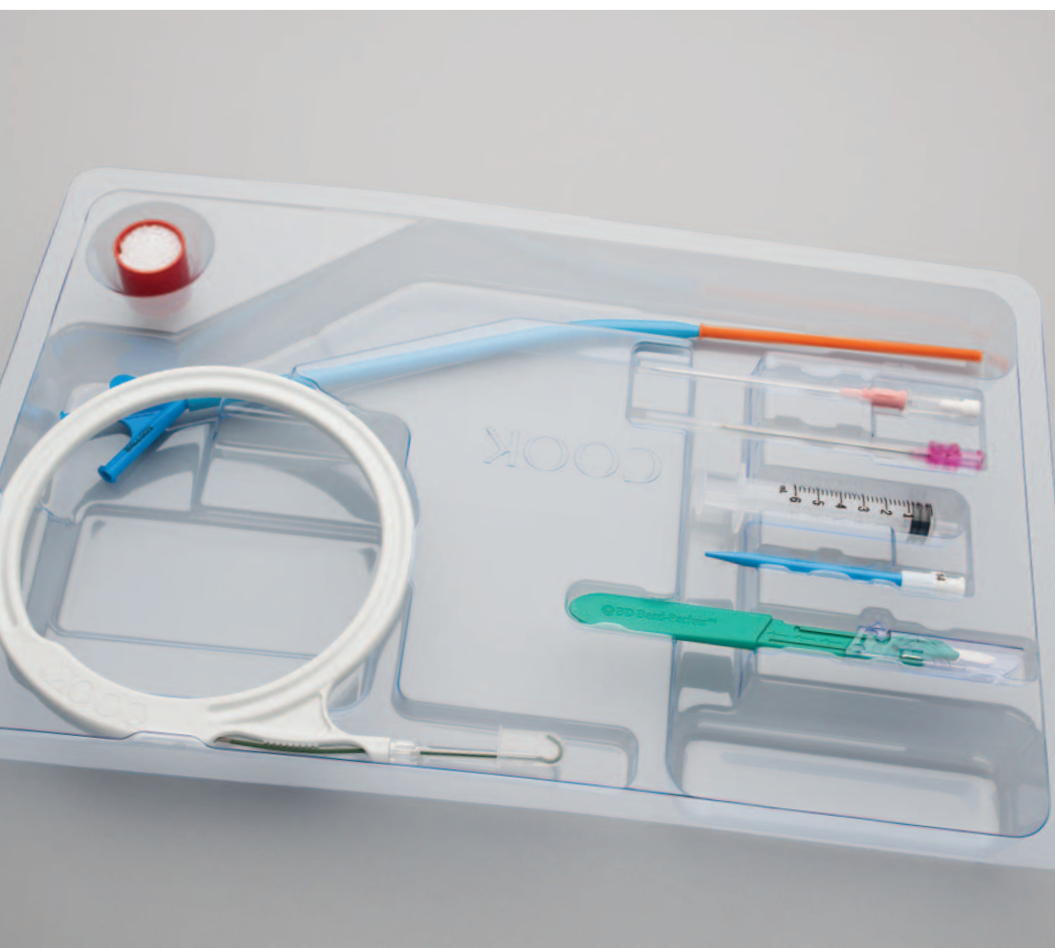
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Noncompliant nylon material is firm and durable when inflated to dilate even the most hardened, calcified tissues, yet remarkably pliable when deflated, allowing it to retract to a low crossing profile for smooth and simple removal.

**"Our study proved that this new method is technically easy to perform and can be learned in a short time. All tracheostomies using the [balloon-assisted device] ended successfully." <sup>4</sup>**



# BALLOON-ASSISTED TRACHEOSTOMY PRODUCTS



## Set includes:

- Dolphin tracheostomy introducer
- Cook Inflation Device
- 18 gage introducer EchoTip® needle
- 18 gage FEP sheath needle
- Wire guide with positioning marks
- 14 Fr dilator
- Disposable #15 scalpel
- Curved hemostat
- Disposable syringe
- Full-body drape with clear plastic window (not pictured)
- Lubricating jelly (not pictured)
- Gauze sponges (not pictured)

## Also available with:

- Tracheostomy tube

Global Product Number	Order Number	Loading Dilator Fr	
G36102	C-PTBS-2400	24	
G36103	C-PTBS-2600	26	
G36104	C-PTBS-2700	27	
G36105	C-PTBS-2800	28	
G36123	C-PTBS-3000	30	
			Tracheostomy Tube ISO size
<b>With VersaTube™ Tapered Tracheostomy Tube</b>			
	C-PTBS-2100-VT7*	21	7
G55593	C-PTBS-2400-VT8	24	8
G55595	C-PTBS-2700-VT9	27	9
			Tracheostomy Tube Jackson size
<b>With Shiley® Percutaneous Cuffed Tracheostomy Tube</b>			
G36116	C-PTBS-2600-PERC6	26	6
G36117	C-PTBS-2800-PERC8	28	8

\* Set available in 2011

Shiley is a registered trademark of Mallinckrodt Inc.



#### Tray includes:

Dolphin tracheostomy introducer  
 Cook Inflation Device  
 18 gage introducer EchoTip® needle  
 18 gage FEP sheath needle  
 Wire guide with positioning marks  
 14 Fr dilator  
 Disposable #15 safety scalpel  
 Curved mosquito clamps  
 22 gage infiltration needle  
 25 gage infiltration needle  
 Chlorhexidine/alcohol prep solution  
 Lidocaine epinephrine 1.5%  
 Double-swivel connector  
 Suture with needle  
 Disposable syringe  
 Full-body drape with clear plastic window (not pictured)  
 Lubricating jelly (not pictured)  
 Gauze sponges (not pictured)

#### Also available with:

Tracheostomy tube

Global Product Number	Order Number	Loading Dilator Fr	
G36107	C-PTBSY-2400	24	
G36108	C-PTBSY-2600	26	
G36109	C-PTBSY-2700	27	
G36110	C-PTBSY-2800	28	
G49506	C-PTBSY-3000	30	
			Tracheostomy Tube ISO size
<b>With VersaTube Tapered Tracheostomy Tube</b>			
	C-PTBSY-2100-VT7*	21	7
G55594	C-PTBSY-2400-VT8	24	8
G55596	C-PTBSY-2700-VT9	27	9
			Tracheostomy Tube Jackson size
<b>With Shiley Percutaneous Cuffed Tracheostomy Tube</b>			
G36118	C-PTBSY-2600-PERC6	26	6
G49507	C-PTBSY-2800-PERC8	28	8

\* Tray available in 2011

1. Bowen CP, Whitney LR, Truitt JD, et al. Comparison of safety and cost of percutaneous versus surgical tracheostomy. *Am Surg.* 2001;67(1):54-60.
2. Cobean R, Beals M, Moss C, et al. Percutaneous dilatational tracheostomy. A safe, cost-effective bedside procedure. *Arch Surg.* 1996;131(3):265-271.
3. Freeman BD, Isabella K, Cobb JP, et al. A prospective, randomized study comparing percutaneous with surgical tracheostomy in critically ill patients. *Crit Care Med.* 2001;29(5):926-930.
4. Gromann TW, Birkelbach O, Hetzer R. Balloon dilatational tracheostomy: initial experience with the Ciaglia Blue Dolphin method. *Anesth Analg.* 2009;108(6):1862-1866.



[www.cookmedical.com](http://www.cookmedical.com)

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