

**Atrium iCAST™ Covered Stent
Ordering Information**

Part No.	Diameter	Length	Catheter Length
85440	5	16	80cm
85441	5	22	80cm
85400	5	38	80cm
85401	5	59	80cm
85442	6	16	80cm
85443	6	22	80cm
85402	6	38	80cm
85403	6	59	80cm
85444	7	16	80cm
85445	7	22	80cm
85404	7	38	80cm
85405	7	59	80cm
85406	8	38	80cm
85407	8	59	80cm
85408	9	38	80cm
85409	9	59	80cm
85420	10	38	80cm
85421	10	59	80cm
85422	12	38	80cm
85423	12	59	80cm
<hr/>			
85450	5	16	120cm
85451	5	22	120cm
85410	5	38	120cm
85411	5	59	120cm
85452	6	16	120cm
85453	6	22	120cm
85412	6	38	120cm
85413	6	59	120cm
85454	7	16	120cm
85455	7	22	120cm
85414	7	38	120cm
85415	7	59	120cm
85416	8	38	120cm
85417	8	59	120cm
85418	9	38	120cm
85419	9	59	120cm
85424	10	38	120cm
85425	10	59	120cm
85426	12	38	120cm
85427	12	59	120cm

**iCAST™ – One-Step Precision
Stent Deployment**

ATRIUM MEDICAL CORPORATION
5 Wentworth Drive
Hudson, New Hampshire 03051 U.S.A.
☎ 603-880-1433 ☒ 603-880-6718

ATRIUM EUROPE
Rendementsweg 24, L III
3641 SL Mijdrecht, The Netherlands
☎ +31-297-230-420 ☒ +31-297-230-422

ATRIUM AUSTRALIA-PACIFIC RIM PTY.LTD.
L 1 Bridgepoint
3 Brady Street
Mosman NSW 2088 Australia
☎ +61-2-9960-0169 ☒ +61-2-8969-2735

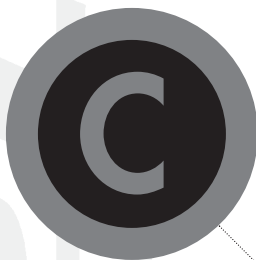
ATRIUM

© Atrium Medical Corporation 2005. All rights reserved.
Printed in U.S.A. 3/05 Part #003603B.

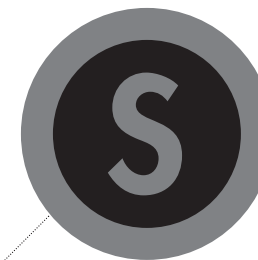
Atrium and iCAST are trademarks
of Atrium Medical Corporation.

Patents: 5,925,074, 5,980,799, 6,010,529,
6,270,523. Other patents pending.

www.atriummed.com



COVERED



STENT

TECHNOLOGY



For treatment of tracheobronchial strictures



ATRIUM

c o v e r e d s t e n t

covered stent

- *Film-Cast Encapsulation Technology*
 - *One-Step Delivery System*
 - *Ultra Low Crossing Profile*
 - *Precision Deployment*

The **Ultra-Thin** iCAST covered stent uses the latest developments in PTFE film lamination technology to maximize stent conformability. Atrium's **Film-Cast Encapsulation Technology** protects the 316L stainless steel struts from contacting the luminal wall and is designed to expand uniformly to prevent tissue from prolapsing through the expanded stent. The patented film-cast covering also helps evenly distribute radial expansion stress during balloon deployment, creating more **Uniform Deployment** and minimizing trauma to the supporting tissue.

t e c h n o l o g y

The iCAST covered stent has the **Lowest Crossing Profile** compared to other commercially available covered stents. Lower profile means more efficient delivery.

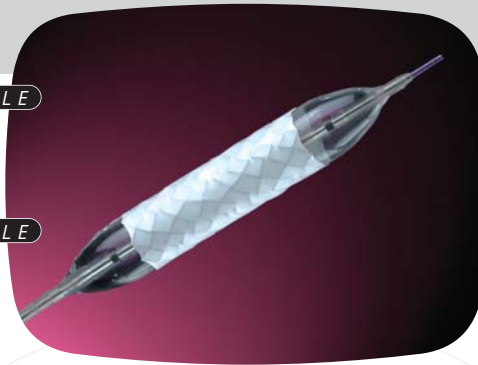
Stent Delivery

	5mm	6mm	7mm	8mm	9mm
iCAST	7Fr	7Fr	7Fr	7Fr	7Fr
Competitor A	8Fr	8Fr	9Fr	9Fr	11Fr
Competitor B		8Fr	8Fr	9Fr	9Fr
Competitor C		10Fr	10Fr	10Fr	11Fr

Atrium's new **iCAST covered stent** is a perfect blend of stent craftsmanship and biomaterial science. The **Balloon Expandable** iCAST stent provides unsurpassed deployment accuracy due to its precision stent delivery platform and its low foreshortening design. The iCAST stent is crafted using state-of-the-art Finite Element Analysis, and Atrium's patented PTFE encapsulation technology. The balloon deployable iCAST stent utilizes a **One-Step Deployment** technique for precise, accurate placement.

7Fr
COMPATIBLE
5-10mm Stent Diameter

8Fr
COMPATIBLE
12mm Stent Diameter



Film-Cast Encapsulation Technology
Completely embeds the struts of the iCAST stent into an extraordinary thin film of PTFE Biomaterial. The film-cast covering expands uniformly with stent expansion.

PowerCrimp™ Technology
Ensures controlled delivery and accurate deployment

an extraordinary **iCAST™** **PTFE** *covered stent*

When precision deployment means everything, let Atrium's 7Fr profile* make difficult entry targets possible. The ultra-thin **premounted** stent was designed with an extraordinarily small crossing profile. The patented covered stent design is a one-step precision delivery system, and is suitable for locations ranging from **5mm to 12mm diameters**. The ultra low crossing profile is made possible by Atrium's exclusive **PowerCrimp Technology** and Atrium's latest Anertia™ balloon catheter technology. The Atrium balloon expandable iCAST covered stent...the new benchmark for ease of use and precision deployment.



For the treatment of tracheobronchial strictures.
*7Fr profile for sizes 5mm to 10mm.