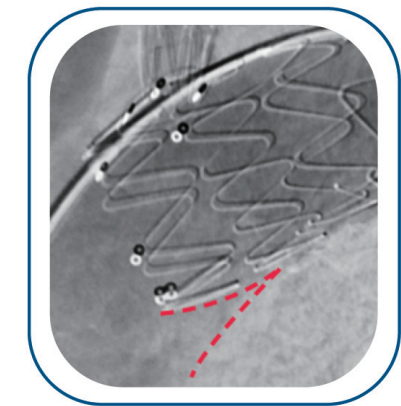


Active Bird-beak Control

New Active Bird-beak Control



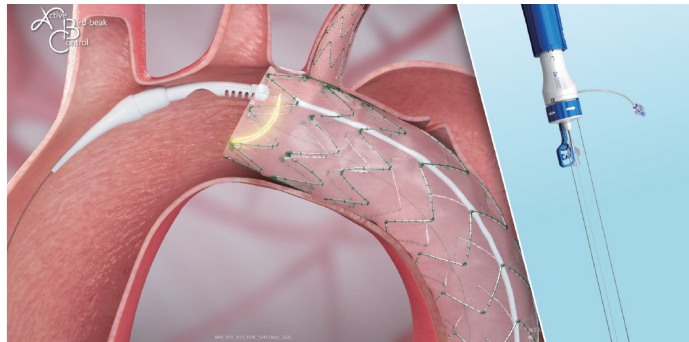
Before

Angiogram before and after bird-beak control is used

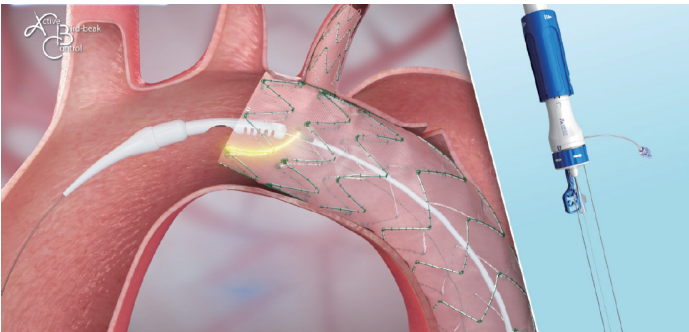


After

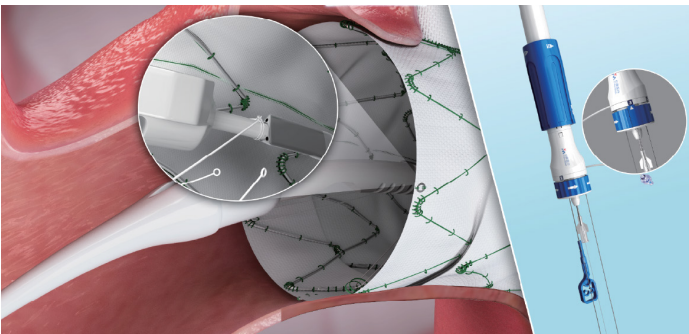
Bird-beak operation process



After deployment of the stent graft, identify the presence of bird beak.



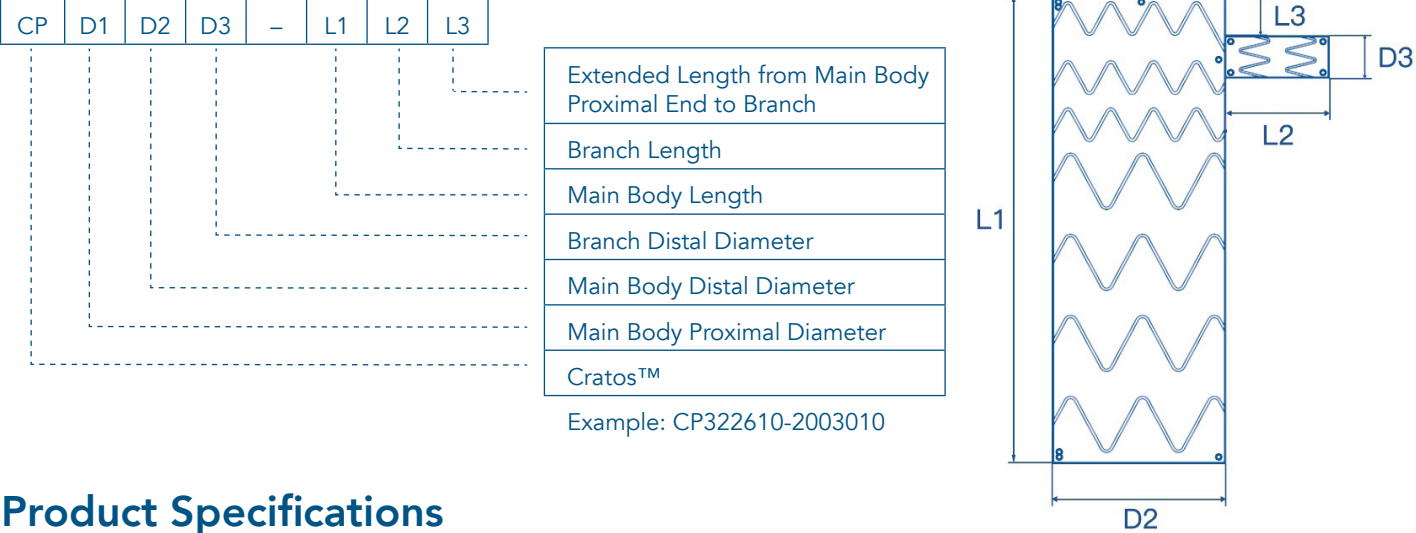
Gently retract the delivery system until desired position is reached



Operate trigger 3 to disconnect the ABC control wires

Product Specifications

Model Specifications



Product Specifications

Model Specifications (mm)	Size Range
Main Body Proximal Diameter (D1)	26 / 28 / 30 / 32 / 34 / 36 / 38 / 40 / 42 / 44
Main Body Distal Diameter (D2)	20 / 22 / 24 / 26 / 28 / 30 / 32 / 34 / 36 / 38 / 40 / 42 / 44
Tapering Possibilities	0 / 2 / 4 / 6 / 8
Branch Distal Diameter (D3)	6 / 8 / 10 / 12 / 14
Main Body Length (L1)	100 / 120 / 150 / 170 / 180 / 200 / 210
Branch Length (L2)	25 / 30
Extended Length from Main Body Proximal End to Branch (L3)	05* / 10 / 15 / 20 / 25 / 30
Outer-Sheath Profile (F)	22 / 24
* Code 05 exact length is 7mm, all other codes represent the exact length	

Cratos™ is a custom-made device for the treatment of specific patients.
As such, it is not CE-marked and can be supplied on a named-patient basis only.
Contact your local Sales Representative to confirm the feasibility of the requested design



Lombard Medical Limited, Lombard Medical House, 4 Trident Park, Didcot, OX11 7HJ
Tel: +44 (0)1235 750800 Email: globalinfo@lombardmedical.com Website: www.lombardmedical.com

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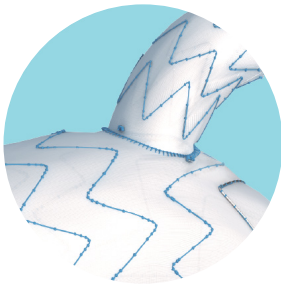
Cratos™
Thoracic Branch Stent Graft System

Cratos™ is a custom made device for the treatment of specific patients.
As such, it is not CE-marked and can be supplied on a named-patient basis only.

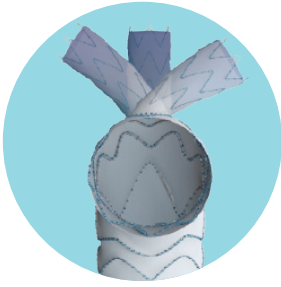
Serve the Arch, Preserve the Branch

Proven Platform

New delivery system



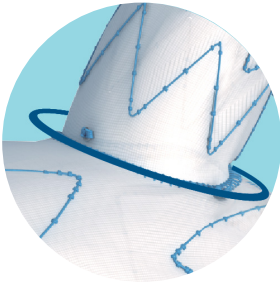
Unique Unibody Design
Provides anatomical sealing



Multi-Dimensional Angles
Allows orientation of the branch to various LSA anatomy requirements



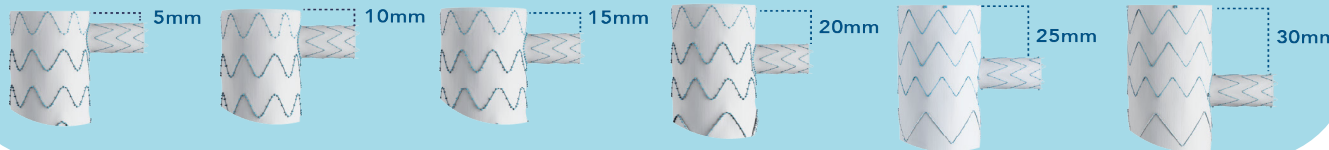
Proximal Multi Mini Springs
Conforms to the aortic arch



Support Ring at Root of Branch Graft
Provides support and enhances the patency of the branch



Branch Options



5* - 30mm extended length from Main Body Proximal End to Branch
* 5mm exact length is 7mm



Active Bird-beak control
Allows adjustment of the proximal alignment of the device if needed

Shorter nosecone

Reduced profile
- 22F
- 24F

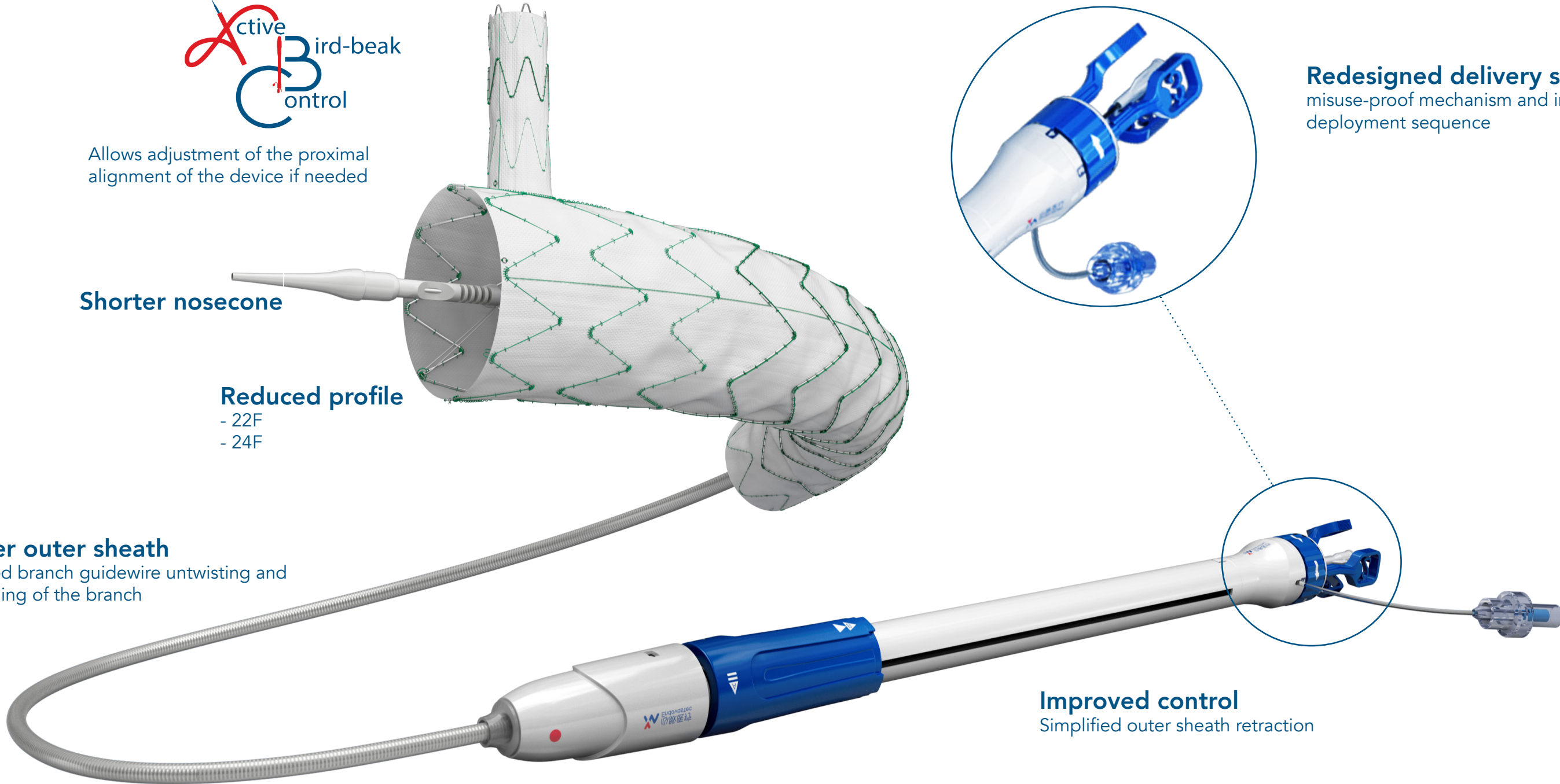


Redesigned delivery system
misuse-proof mechanism and intuitive deployment sequence

Longer outer sheath
Simplified branch guidewire untwisting and positioning of the branch



Improved control
Simplified outer sheath retraction



A safe and effective solution**

Branch patency	95.1%	Incidence of Type I Endoleak	2.2%	Freedom from aortic dissection-related mortality	98.9%	Reintervention rate	0%
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** - Data source: 12-month follow-up results of Cratos pre-market clinical trial