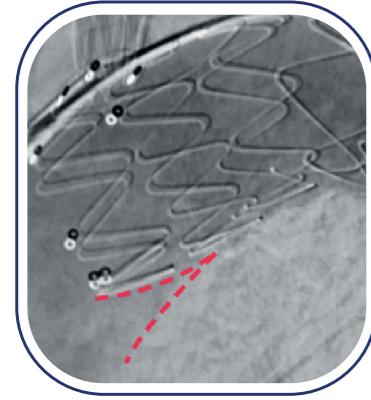
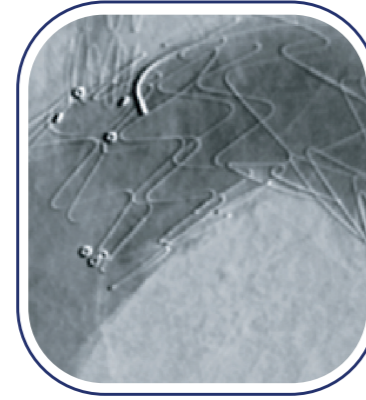


Active Bird-beak Control

New Active Bird-beak Control



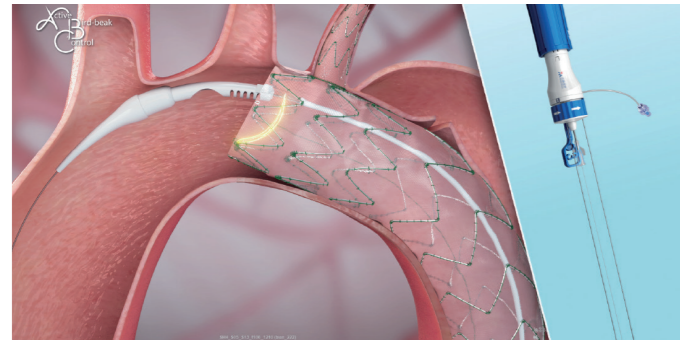
Before



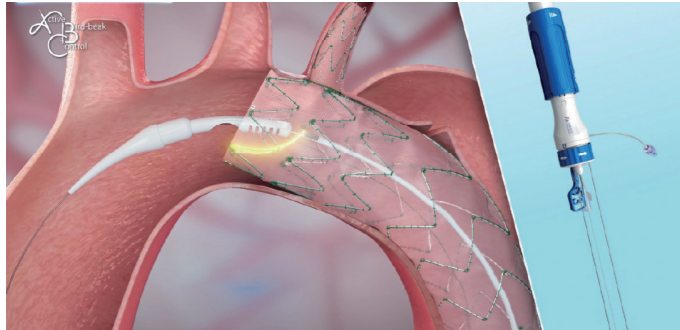
After

Angiogram before and after bird-beak control is used

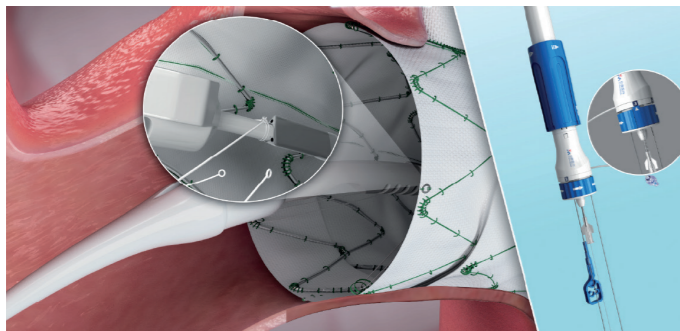
Bird-beak operation process



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

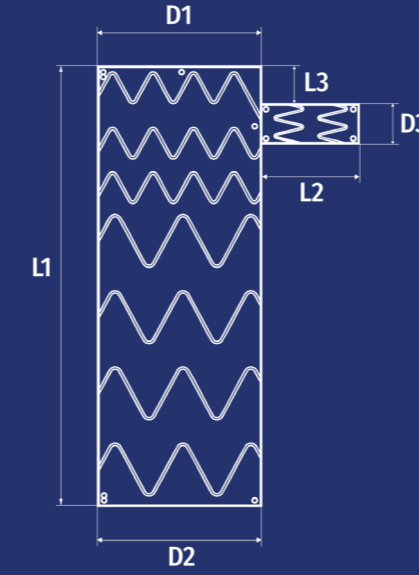
Product Specifications

Model Specifications

CP	D1	D2	D3	-	L1	L2	L3
----	----	----	----	---	----	----	----

Extended Length from Main Body Proximal End to Branch
 Branch Length
 Main Body Length
 Branch Distal Diameter
 Main Body Distal Diameter
 Main Body Proximal Diameter
 Cratos™

Example: CP322610-2003010



Product Specifications

Model Specifications	Size Range (mm)
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

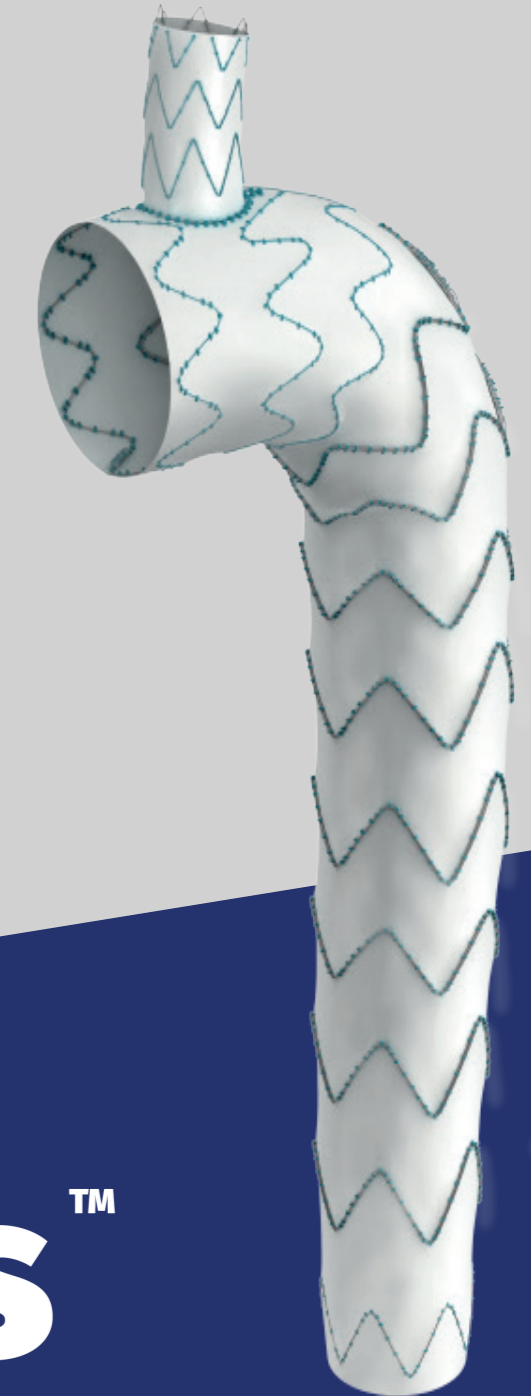
* Code 05 exact length is 7mm, all other codes represent the exact length

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

MicroPort Endovastec

Lombard Medical Limited, Lombard Medical House, 4 Trident Park, Didcot, OX11 7HJ
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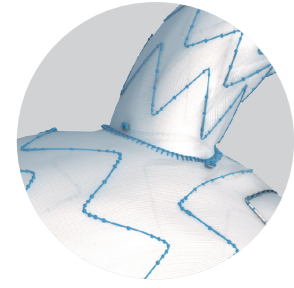
Cratos™

Thoracic Branch Stent Graft System

Serve the Arch, Preserve the Branch

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.

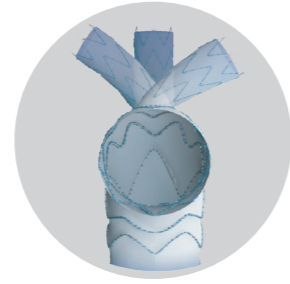
Proven Platform



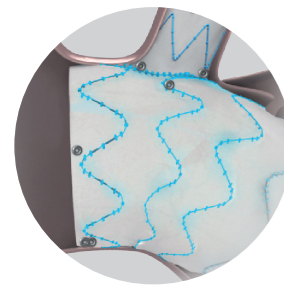
Unique Unibody Design
Provides anatomical sealing



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



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



Proximal Multi Mini Springs
Conforms to the aortic arch



New Delivery System



Allows adjustment of the proximal alignment of the device if needed

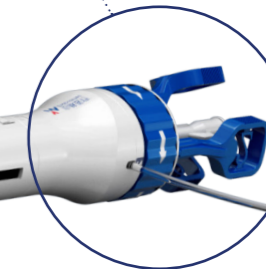
Shorter nosecone

Reduced profile
- 22F
- 24F

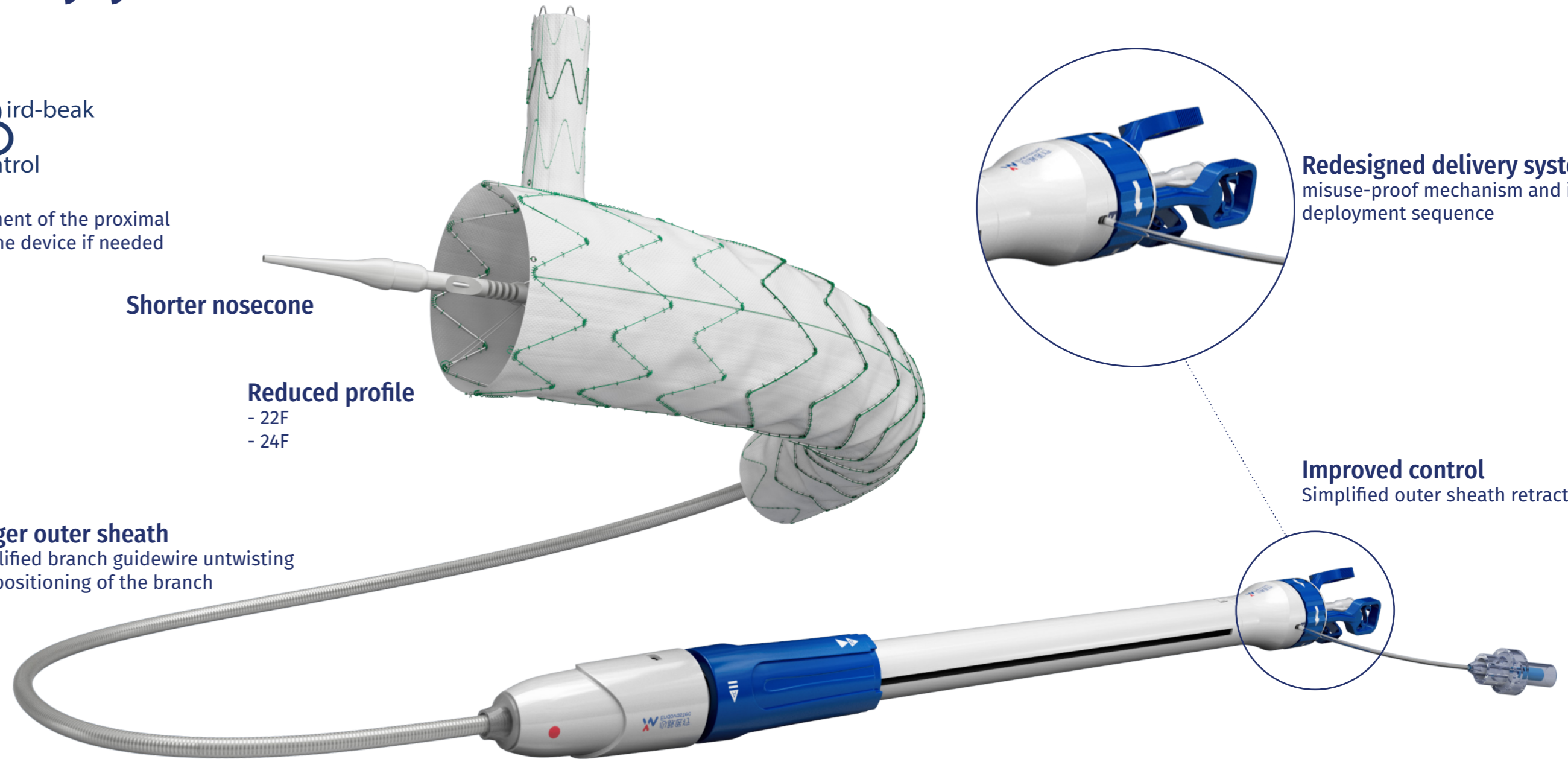
Longer outer sheath
Simplified branch guidewire untwisting and positioning of the branch



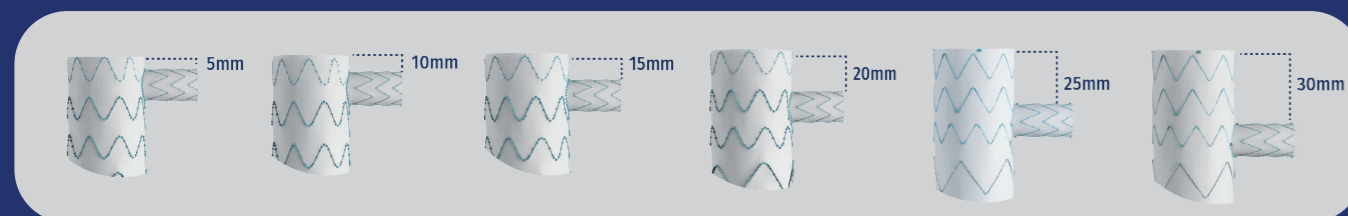
Redesigned delivery system
misuse-proof mechanism and intuitive deployment sequence



Improved control
Simplified outer sheath retraction



Branch Options



5* - 30mm extended length from main body proximal end to branch

* 5mm exact length is 7mm

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%

** - Data source: 12-month follow-up results of Cratos pre-market clinical trial