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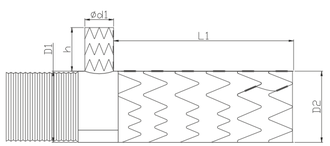
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XUPER™

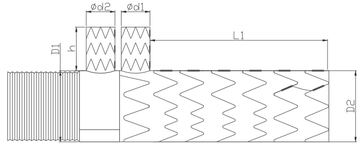
OPEN SURGERY STENT GRAFT SYSTEM



Premium solution for patients with Stanford type A aortic dissection



Type 1 stent graft



Type 2 stent graft

Specification table(Type 1 stent graft)

Specification series	Stent graft proximal diameter D1	Stent graft distal diameter D2	Stent graft proximal length L1	Branch diameter d1	Branch heighth
24	24	24	80/100/120/140	10/12/14	20/25/30
26	26	26			
28	28	28			
30	30	30			
32	32	32			
34	34	34			
36	36	36			
2824	28	24			
3026	30	26			
3228	32	28			
3430	34	30			
3632	36	32			

Specification table(Type 2 stent graft)

Specification series	Stent graft proximal diameter D1	Stent graft distal diameter D2	Stent graft proximal length L1	Branchdiameter d2	Branchdiameter d1	Branch heighth
24	24	24	80/100/120/140	08/10/12	10/12/14	20/25/30
26	26	26				
28	28	28				
30	30	30				
32	32	32				
34	34	34				
36	36	36				
2824	28	24				
3026	30	26				
3228	32	28				
3430	34	30				
3632	36	32				

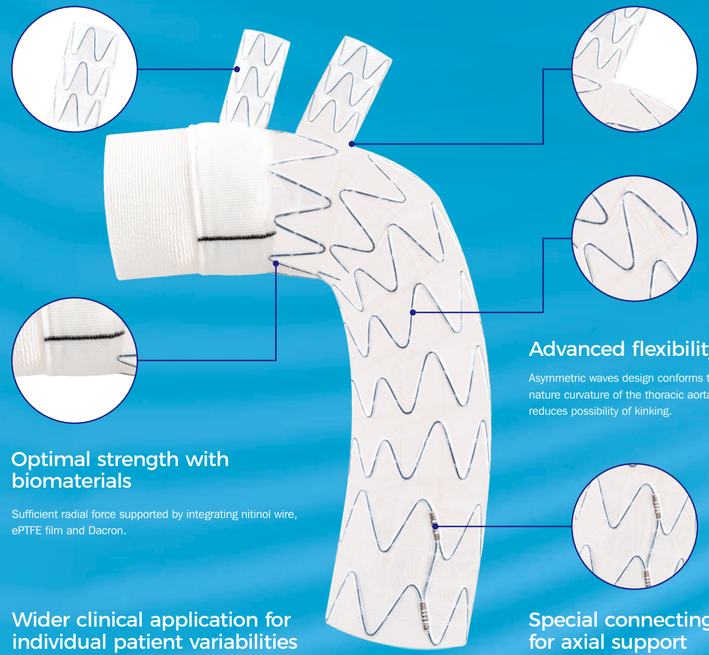
Xuper™open surgery stent graft system is designed for aortic arch and descending thoracic aortic repair with Frozen Elephant Trunk technique to reduce the anastomosis of branch vessels.

Integrative design with side branches

Flexible branches allow better conformability to target vessels and ensure the patency of blood flow.

Perfect integrity and seamlessness

No suture between the main stent graft and the branches minimizes the risk of endoleak.



Advanced flexibility

Asymmetric waves design conforms to the nature curvature of the thoracic aorta and reduces possibility of kinking.

Optimal strength with biomaterials

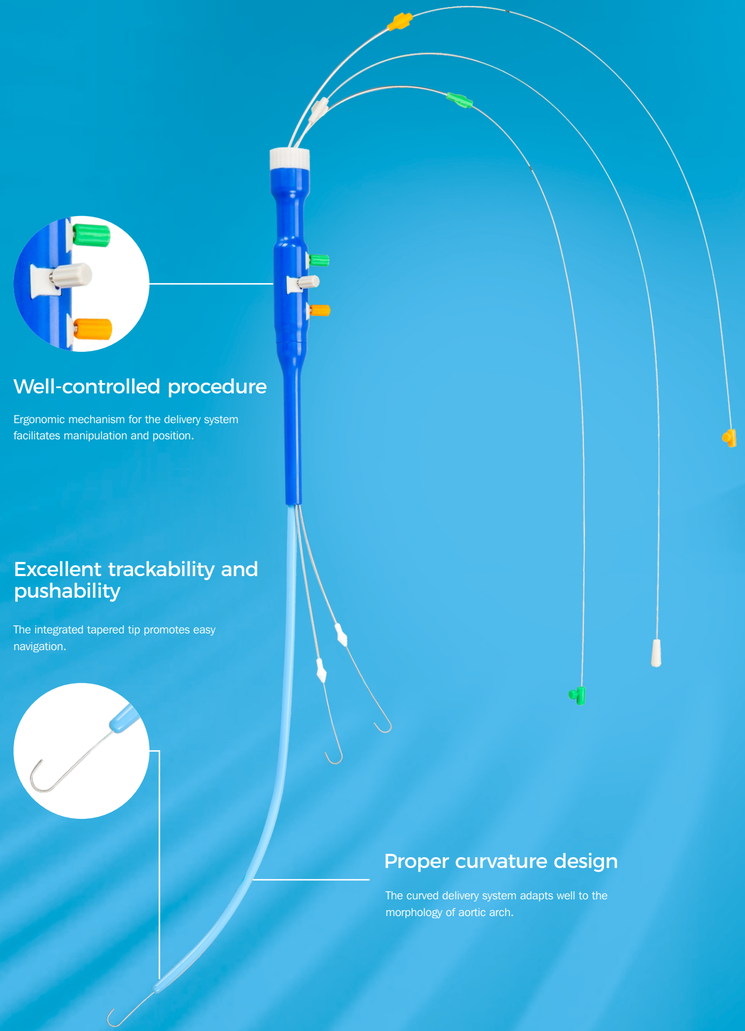
Sufficient radial force supported by integrating nitinol wire, ePTFE film and Dacron.

Wider clinical application for individual patient variabilities

Rich specifications guarantee optimized anatomical adaptation for the corresponding part of aortic arch and descending thoracic aorta.

Special connecting bar for axial support

Longitudinal bar on the outer curvature avoids stent shortening.



Well-controlled procedure

Ergonomic mechanism for the delivery system facilitates manipulation and position.

Excellent trackability and pushability

The integrated tapered tip promotes easy navigation.

Proper curvature design

The curved delivery system adapts well to the morphology of aortic arch.

Operation Procedures of Type II Open Surgery Stent Graft Deployment

01



Transect the root of the innominate artery, clamp it with a vascular clamp and suture the opening of the innominate artery over the aortic arch. Perform cerebral perfusion via the right axillary or right subclavian artery.

02



Place the stent graft delivery system into the aortic arch. And insert the guidewires of the branches of the stent graft into the respective branches of the aortic arch.

03



Push the delivery system of the type II stent graft forward to the corresponding lesion.

04



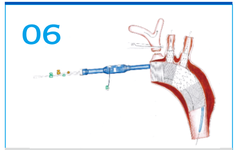
Deploy the main stent graft.

05



Deploy the stent graft of Branch 1.

06



Deploy the stent graft of Branch 2.

07



Withdraw the delivery system from the aorta. Clamp the aorta with a vascular clamp. Perfuse via the femoral artery.

08



Anastomose the prosthetic branch of the ascending aorta with the innominate artery. Anastomose the proximal end of both aortic arch and Xuper with the distal end of the vascular prosthesis of the ascending aorta.

09



After completing the anastomosis, remove the vascular clamp, restart the heart and restore normal circulation, and close the chest wall.