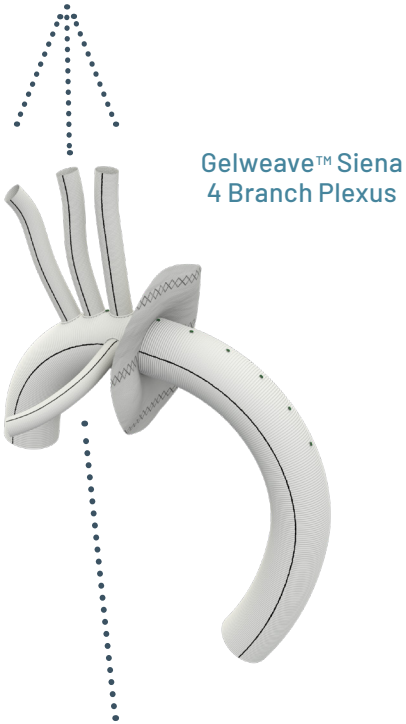




Gelweave™ Siena

TERUMO
Aortic

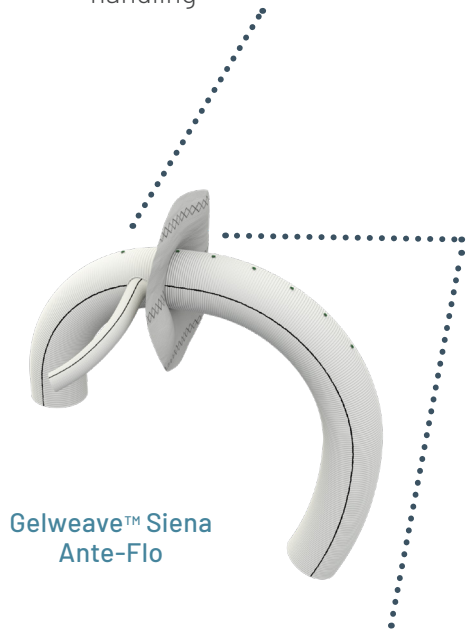
Aortic Arch Plexus facilitates individual arch vessel reconstruction²



**Gelweave™ Siena
4 Branch Plexus**

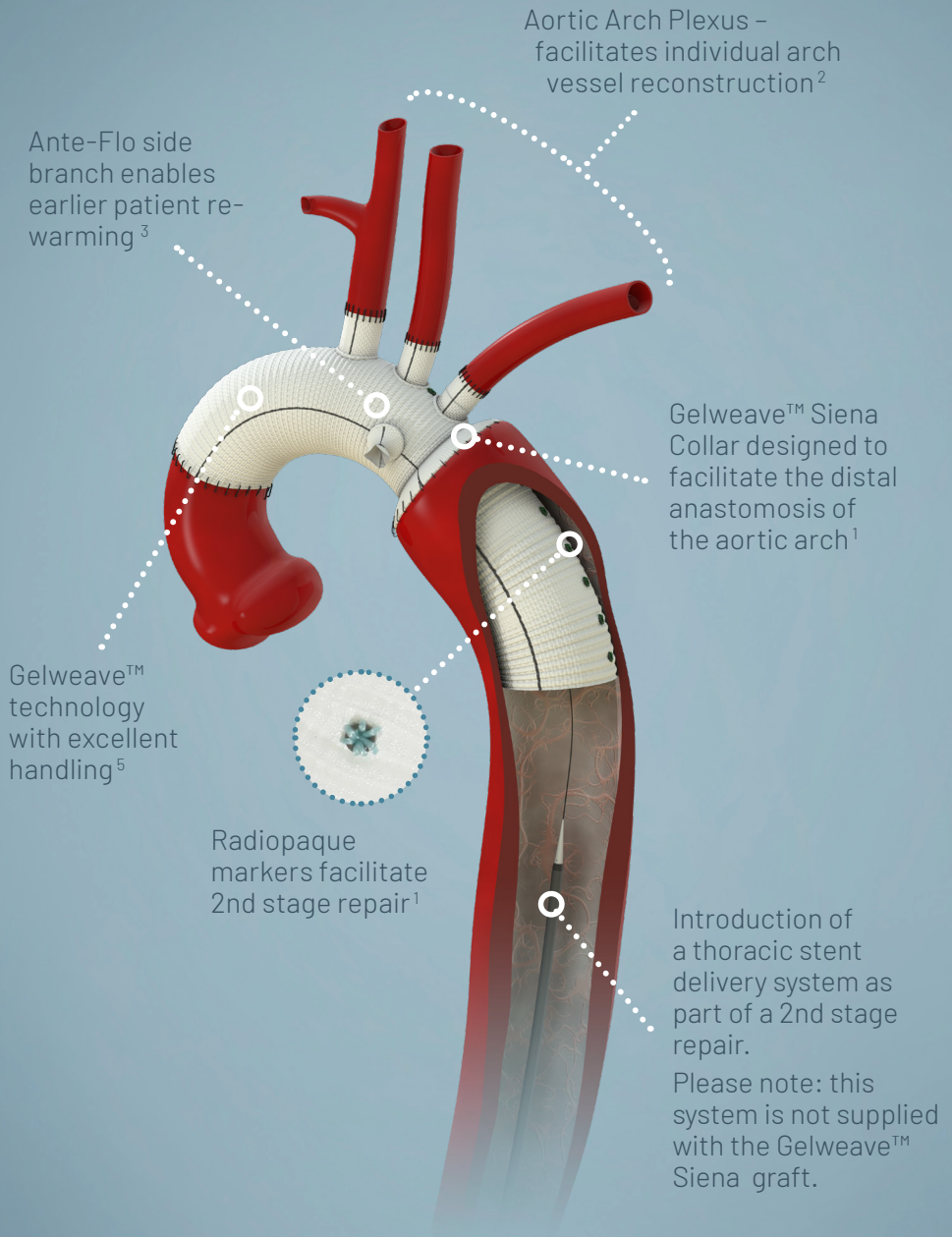
Ante-Flo side branch enables lower body reperfusion and earlier patient re-warming³

Gelweave™ Gelatin sealant technology which delivers reduced thrombogenicity while maintaining excellent handling^{4,5}



**Gelweave™ Siena
Ante-Flo**

Gelweave™ Siena collar compensates for diameter mismatch between distal aorta and graft, reducing tension on the distal anastomosis, potentially reducing the risk of aneurysm rupture before the second stage repair¹.



The “Elephant Trunk” Technique made easier¹

The elephant trunk technique has been shown to greatly facilitate and reduce the risk of multiple-stage aortic replacement.

[The Gelweave™ Siena graft] used in a modified elephant trunk technique, was conceived to overcome the difficulties and the risks inherent in a large aneurysmal neck.¹



Product Ordering Information

Gelweave™ Siena 4 Branch Plexus

GRAFT BODY		CATALOGUE NUMBER
BORE SIZE mm	USABLE LENGTH cm	
20	50	73201088/8RM
22	50	73221088/8RM
24	50	73241088/8RM
26	50	73261088/8RM
28	50	73281088/8RM
30	50	73301088/8RM
32	50	73321088/8RM
34	50	73341088/8RM

Side branches - bore sizes 10 x 8 x 8mm -length 15cm
 Perfusion side branch offset at 30° in a horizontal plane to the body of the graft - bore size 8mm - length 15cm.
 Also available with a 10mm perfusion branch -
 Catalogue Numbers 73201088/10RM - 73341088/10RM

Gelweave™ Siena Straight

GRAFT BODY		CATALOGUE NUMBER
BORE SIZE mm	USABLE LENGTH cm	
20	50	735020RM
22	50	735022RM
24	50	735024RM
26	50	735026RM
28	50	735028RM
30	50	735030RM
32	50	735032RM
34	50	735034RM

Product Ordering Information

Gelweave™ Siena Ante-Flo

GRAFT BODY		CATALOGUE NUMBER
BORE SIZE mm	USABLE LENGTH cm	
20	50	735020/8RM
22	50	735022/8RM
24	50	735024/8RM
26	50	735026/8RM
28	50	735028/8RM
30	50	735030/8RM
32	50	735032/8RM
34	50	735034/8RM

Perfusion side branch offset at 30° in a horizontal plane to the body of the graft - bore size 8mm - length 15cm.

Also available with a 10mm perfusion branch -
Catalogue Numbers 735020/10RM - 735034/10RM

For all designs:

- Graft proximal end to collar 20cm.
- Collar to graft distal end 30cm.
- Relaxed distance between markers 2cm.

Gelweave™ - main body and side branches | Collar made from Gelseal™

The “Elephant Trunk” Technique made easier¹

Surgical procedures for the treatment of complex aortic arch pathology remain among the most challenging cardiovascular operations, incurring considerable risk for death and stroke. Specifically, advancements in cannulation techniques, cerebral protection, arch reconstruction with [branched grafts] and the classical and frozen ET techniques have revolutionized the field and simplified the conduct of the operation.⁶



References

1. Neri *et al.* (2004) The "Elephant trunk" technique made easier. *Annals Thoracic Surgery* 78:17-18
2. Adachi *et al.* (1997) Usefulness of a new branched sealed graft for the replacement of aortic arch. *Jap J Art Organs* 26:624-628
3. Ehrlich *et al.* (1994) Operative management of aortic arch aneurysms using profound hypothermia and circulatory arrest. *Int Congress Thoracic Thoracoabdominal Aortic Aneurysm* 12-14 June:23-26
4. **Gelseal Triaxial and Microvel Double Velour with Hemashield (Safepharm Report)(1989)** by P C Jenkinson Bsc, Phd. Safepharm Laboratories Ltd, PO Box 45, Derby, DE1 2BT.
5. Data on file at Vascutek Ltd.
6. M Ouzounian, S A LeMaire & J S Coselli. (2013) **Open Aortic Arch Repair : State-of-the-Art and Future Perspectives.** *Semin Thoracic & Cardiovasc Surg* V25, No2: 107-115

Product availability subject to regulatory approval.

The logo for Terumo Aortic, featuring the word "TERUMO" in a bold, sans-serif font with a white swoosh above it, and the word "Aortic" in a smaller, bold, sans-serif font below it.

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