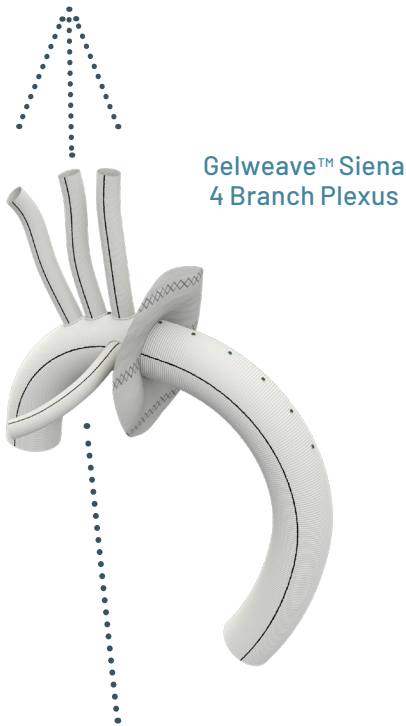




Gelweave™ Siena

 **TERUMO**  
Aortic

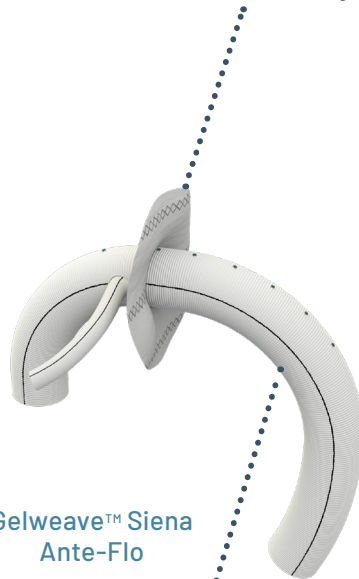
Aortic Arch Plexus facilitates individual arch vessel reconstruction<sup>1</sup>



**Gelweave™ Siena  
4 Branch Plexus**

Ante-Flo side branch enables lower body reperfusion and earlier patient re-warming<sup>3</sup>

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 repair<sup>2</sup>.



**Gelweave™ Siena  
Ante-Flo**

Gelweave™ Siena creates a reliable landing zone for subsequent endovascular/surgical repair<sup>4</sup>

Ante-Flo side branch enables earlier patient re-warming<sup>3</sup>

Aortic Arch Plexus – facilitates individual arch vessel reconstruction<sup>1</sup>

Gelweave™ Siena Collar facilitates easy anastomosis<sup>5</sup>

Radiopaque markers facilitate 2nd stage repair<sup>2</sup>

Introduction of a thoracic stent delivery system as part of a 2nd stage repair.

Please note: this system is not supplied with the Gelweave™ Siena graft.

## The “Elephant Trunk” Technique made easier<sup>2</sup>

*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.<sup>2</sup>*



# 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 easier<sup>2</sup>

*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.<sup>6</sup>*



## References

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3. Ehrlich M. *et al.* (1994) 'Operative Management of Aortic Aneurysms Using Profound Hypothermia & Circulatory Arrest', *International Congress on Thoracic & Thoracoabdominal Aortic Aneurysm*, pp. 23-26.
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