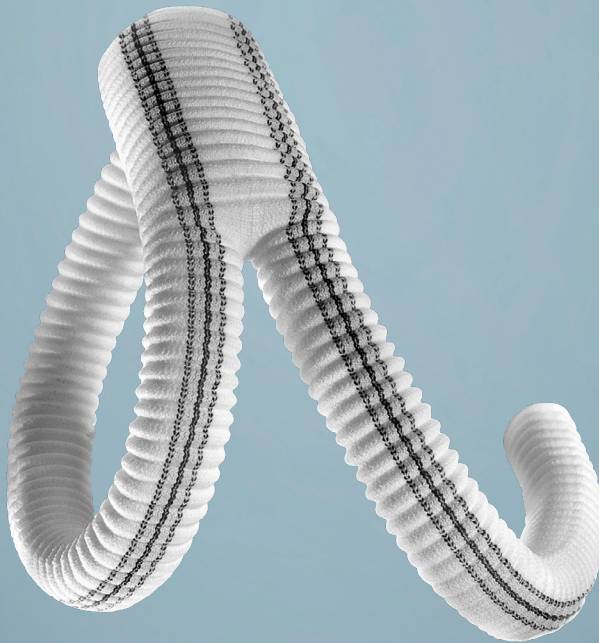


Gelsoft™ Plus

 **TERUMO**  
Aortic

# The world's **ONLY** dilatation resistant, gelatin sealed, Köper knitted polyester vascular graft

- Innovative Köper knitted structure offers:
  - dramatically reduced dilatation
  - superb handling
- Unique Rifampicin ionic bonding option
- Comprehensive range includes supported designs



# Dramatically Reduced Dilatation

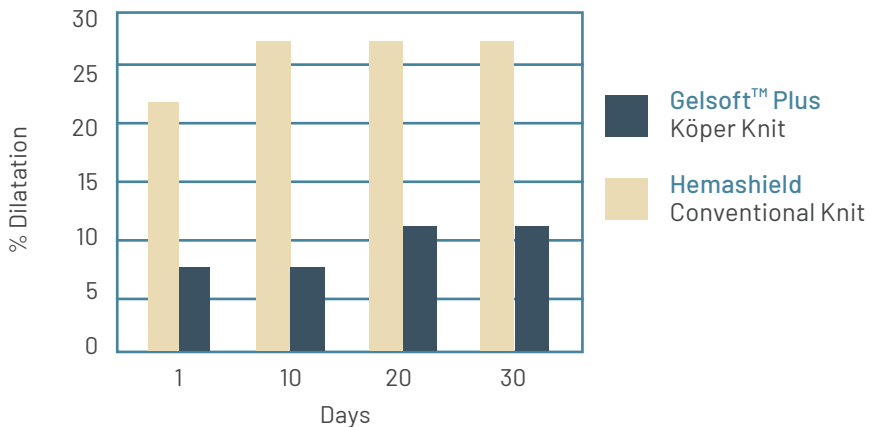
## Fact

Warp knitted graft dilatation may be associated with an increased incidence of false aneurysms<sup>1,2,3</sup>

Köper knitted Gelsoft™ Plus **dramatically reduces dilatation**<sup>4,5</sup>



**Gelsoft™ Plus exhibits dramatically reduced dilatation compared to conventional warp knitted grafts<sup>4,5</sup>**



**Pulsed Pressure Testing**  
(pulses at 80 & 120mmHg,  
80 beats/minute)

# Unique Rifampicin Ionic Bonding Option

## Fact

Prosthetic graft infection is one of the most dreaded complications of vascular surgery<sup>6</sup>

Gelatin impregnated grafts, when bonded to Rifampicin **minimise the possibility of graft infection and related phenomena**<sup>7</sup>



Rifampicin bonded grafts are,

“ ... significantly more resistant to bacteremic infection than are silver / collagen coated polyester grafts ... ”<sup>8</sup>

Graft Type	Infected Grafts
<b>Gelsoft™ Plus</b> Gelatin Sealed	3 / 3
InterGard™ Collagen Coated	3 / 3
<b>Gelsoft™ Plus</b> Gelatin Sealed Rifampicin Bonded	0 / 6
InterGard Silver™ / Collagen Coated	5 / 6*

\* P<0.01 versus gelatin sealed Rifampicin bonded grafts

Rifampicin bonding to Terumo Aortic's unique modified gelatin has CE Dossier approval<sup>9</sup> and is backed by over 35 publications and 10 years' experience. Publications available on request.

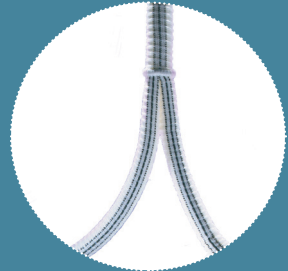
Rifampicin bonding to gelatin sealed grafts not approved for use in Canada.

# Innovative Equi-Flo™ with Bifurcated Flowsplitter

## Fact

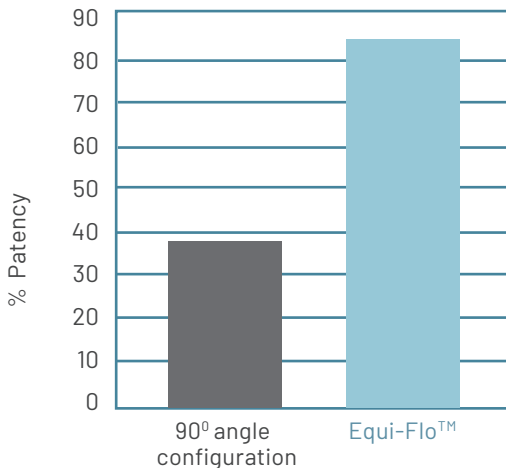
Conventional 90° angled designs provide poor long-term graft patency<sup>10</sup>

**Equi-Flo™** significantly improves long-term graft patency<sup>10</sup>



Unique **Equi-Flo™** axillo-bifemoral design provides,

- Equal flow to both legs<sup>11</sup>
- Significantly improved primary patency compared with 90° angled designs ( $p < 0.0001$ )<sup>10</sup>



Primary patency after 2 years' follow up

A full range of externally supported Straights, Femoro-Femoral and 90° angled Axillo-Bifemoral grafts are also available.

# Product Ordering Information

## Straights

BORE SIZE mm	USABLE LENGTH cm	CATALOGUE NUMBER
6	15	631506P
6	30	633006P
6	40	634006P
6	60	636006P
7	15	631507P
7	30	633007P
7	40	634007P
7	60	636007P
8	15	631508P
8	30	633008P
8	40	634008P
8	60	636008P
10	15	631510P
10	30	633010P
10	60	636010P
12	15	631512P
12	30	633012P
12	60	636012P
14	15	631514P
14	30	633014P
14	60	636014P
16	15	631516P
16	30	633016P
16	60	636016P
18	12.5	631218P
18	25	632518P
18	50	635018P
20	12.5	631220P
20	25	632520P
20	50	635020P
22	12.5	631222P
22	25	632522P
22	50	635022P
24	12.5	631224P
24	25	632524P
24	50	635024P

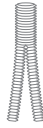
## Axillo-Femoral Straights

BORE SIZE mm	USABLE LENGTH cm	CATALOGUE NUMBER
8	100	640008P
10	100	640010P

# Product Ordering Information

## Bifurcates

BORE SIZE mm	USABLE LENGTH cm	CAT NO.
12 x 6	45	631206P
14 x 7	45	631407P
16 x 8	45	631608P
18 x 9	45	631809P
20 x 10	45	632010P
22 x 11	45	632211P
24 x 12	45	632412P



## ERS Equi-Flo™

axillo-bifemoral bifurcate with extended support

BORE SIZE mm	USABLE LENGTH cm	SUPPORTED LENGTH cm	CAT NO.
8x7	90x40	32x25x7	690807AP
10x8	90x40	35x25x7	691008AP



## ERS Straights

(peelable support)

BORE SIZE mm	USABLE LENGTH cm	SUPPORTED LENGTH cm	CAT NO.
6	75	60	670006P
8	75	60	670008P
8	100	85	680008P
10	75	60	670010P
10	100	85	680010P



## ERS Axillo-Bifemorals

90o angle with 60cm branch

BORE SIZE mm	USABLE LENGTH cm	SUPPORTED LENGTH cm	CAT NO.
8x8	100x60	40	690808P
10x10	100x60	40	691010P



## ERS Femoro-Femorals

BORE SIZE mm	USABLE LENGTH cm	SUPPORTED LENGTH cm	CAT NO.
6	30	10	673006P
8	30	10	673008P
6	40	20	674006P
8	40	20	674008P



## References

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4. Walker D *et al.* **Novel structure for a polyester vascular prosthesis with improved mechanical properties.** *Society for Biomaterials* March 1995
5. Goëau-Brissonnière O *et al.* **Can knitting structure affect dilation of polyester bifurcated prostheses? A randomized study with the use of helical computed tomographic scanning.** *J Vasc Surg* 2000 **31** 157-163
6. Hayes PD *et al.* **In situ replacement of infected aortic grafts with Rifampicin-bonded prostheses: the Leicester experience (1992 to 1998).** *J Vasc Surg* 1999 **30** 92-98
7. Vicaretti M *et al.* **An increased concentration of Rifampicin bonded to gelatin-sealed Dacron reduces the incidence of subsequent graft infections following a staphylococcal challenge.** *Cardiovasc Surg* 1998 **6** 268-273
8. Goëau-Brissonnière O *et al.* **Comparison of the resistance to infection of Rifampin-bonded gelatin-sealed and silver / collagen-coated polyester prostheses.** *J Vasc Surg* 2002 **35** 1260-1263
9. **Rinsing of gelatin sealed prostheses with Rifampicin and heparin.** BSi ENQ# 1002097
10. Wittens CHA *et al.* **European prospective randomised multi-centre axillo-bifemoral trial.** *Eur J Vas Surg* 1992 **6** 115-123
11. How TV *et al.* **Assessment of pressure drop flowrate relationship of axillobifemoral bypass grafts.** *Proceedings of the Institute of Mechanical Engineers* 1991 **205** 243-249

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 larger, bold, sans-serif font below it.

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