

AVflo™ Vascular Access Graft

The AVflo Vascular Access Graft (CE certified¹) features proven patency, rapid hemostasis, early access and pulsatility.

It is the first vascular device to exploit the unique properties of electrospun nanofabric².

- **Rapid hemostasis** of dialysis and suture needle punctures in less than 5 minutes, due to spontaneous self-sealing of graft wall material
- **Early access** possible within 24-48 hours after implantation
- **Proven patency**
- **Pulsatility** enables easy identification of blood flow after de-clamping
- **Non-twist structure** ensures that graft does not develop end-to-end twist during implantation
- **Multilayered design**
 - The outer nanofiber layer enhances self sealing
 - The microporous self sealing middle layer, is highly flexible and imparts elastic properties that mimic those of the natural blood vessel. A barrier layer prevents diffusion of large molecules
 - The inner nanofiber layer minimizes platelet adhesion



The AVflo is supplied in three versions:

- Straight (non-coiled), 300mm long, for linear (non-U-bend) implantation
- Centered coil reinforced*, 350mm long, for symmetrical U-bend implantation
- Off-centered coil reinforced*, 350mm long, for unsymmetrical U-bend implantation

*A polyester coil improves kink resistance (centered or off-centered coiled versions only)

The AVflo is made of medical grade biocompatible polycarbonateurethane

¹ The AVflo carries CE Marking (CE0482), and complies with the provisions of Annex II of Directive 93/42/EEC concerning medical devices

² Electrospun nanofabric is a versatile material that provides superior properties when used in the construction of medical devices



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