



## Treatment of a central venous stenosis with WRAPSODY™



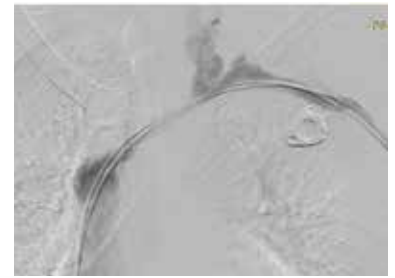
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### CLINICAL HISTORY

A 61-year-old male patient on haemodialysis for 12 months presented with a failed AV fistula caused by a clinically significant stenosis of the left brachiocephalic vein promoted by previous numerous ECG leads, as shown in the image to the right.



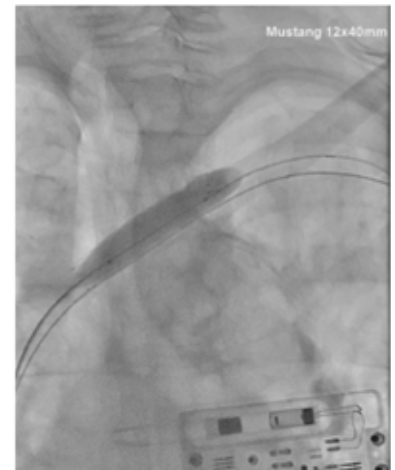
### INTERVENTIONAL TREATMENT

Right groin common femoral vein access was obtained, and a 12 Fr sheath positioned to access the left brachiocephalic vein stenosis.

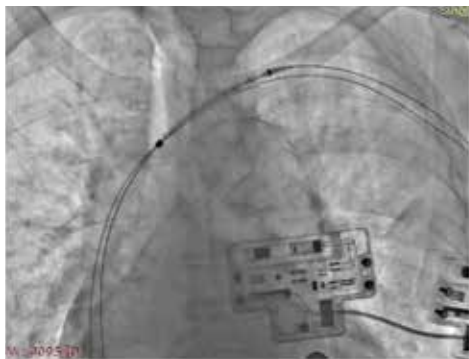
The left brachiocephalic vein stenosis was initially dilated with a 12 mm x 40mm Mustang Balloon™

A **12mm x 60 mm WRAPSODY™ Cell-Impermeable Endoprosthesis** was deployed adjacent to the outflow of the left internal jugular vein with the outflow of the device 1cm short of the confluence with the SVC.

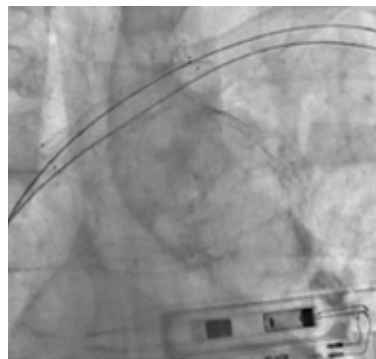
Inflation of a 12mm x 40mm balloon within WRAPSODY™ was performed following implantation.



Percutaneous angioplasty



WRAPSODY™ (12mm x 60 mm) positioning



Post WRAPSODY™ implantation

### CLINICAL RESULTS

The final venogram showed good angiographic result with no complication.

Reflux was observed into the left internal jugular vein. It is concluded that this reflux was not caused by back pressure generated from the outflow of the cell impermeable, more the capacious vessel 'siphoning' a small volume of contrast whilst still dilated.

The sheaths were removed, and hemostasis was achieved with compression to groin puncture site.



### KEY TAKEAWAYS

The 12 mm **WRAPSODY™** is a **unique size option** for a cell-impermeable endoprosthesis.

**Precise positioning of the WRAPSODY™** is required to ensure the patency of the left brachiocephalic vein is maintained. In this case, even with the right femoral vein approach to reach the left brachiocephalic vein stenosis, the Wrapsody™ deployment accuracy was easily achieved.

This product is intended for sale and/or use only in the European Union, for use in hemodialysis patients for the treatment of stenosis or occlusion within the dialysis outflow circuit of an arteriovenous (AV) fistula or AV graft. This product is not approved, cleared or available for sale or use in the United States, and may not be approved, cleared or available for sale or use in other countries. Before using any product, refer to the Instructions for Use (IFU) for indications, contraindications, warnings, precautions, and directions for use.



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