JADE® PLUS

PTA BALLOON CATHETER



Longest
Balloon Length
up to 300 mm

Largest
Balloon Diameter
up to 12.0 mm

CASE **SPOTLIGHT**

Central Vein Occlusion

OrbusNeich® Academy

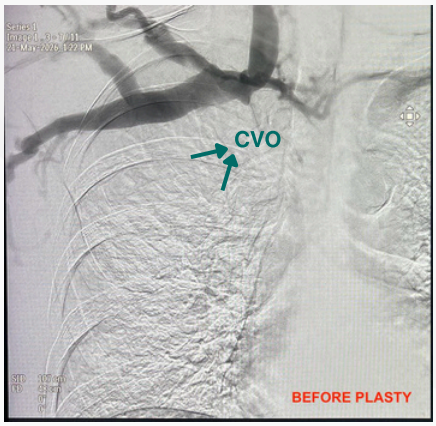
CASE **SPOTLIGHT**: *Central Vein Occlusion*

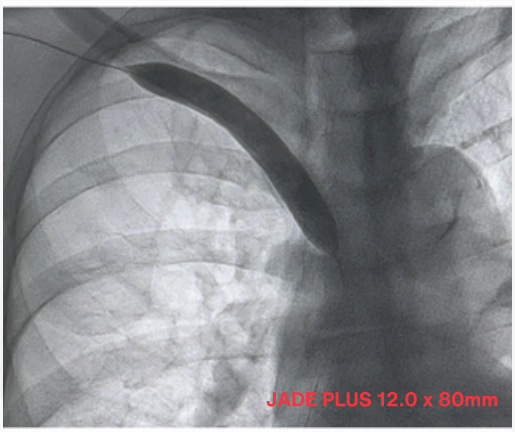


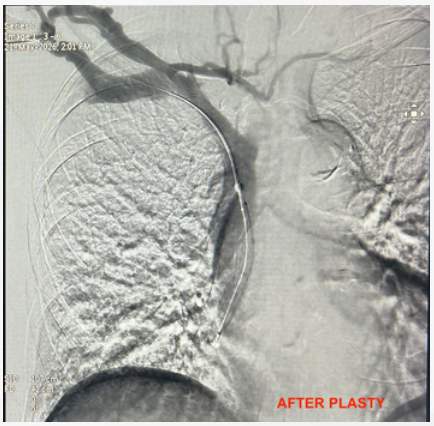
CASE BACKGROUND

A patient presented for endovascular intervention targeting a severe central venous occlusion (CVO). Right-sided venous access was secured, and baseline digital subtraction venography performed through a 5F, 100 cm Davis catheter confirmed a high-grade, flow-limiting total occlusion involving the central venous segment.

Following successful lesion crossing, balloon delivery across the stenosis was achieved. Balloon venoplasty was performed using a **JADE® Plus 035 balloon** (12.0 mm × 80 mm, 75 cm), inflated to 10 atm twice for 2 minutes each. Post-procedural imaging demonstrated restoration of flow following successful balloon venoplasty.







DISCUSSION

This case demonstrated the excellent trackability and deliverability of the **JADE® Plus 035 PTA balloon**, enabling smooth advancement across the CVO. Its superior pushability and crossability facilitated successful navigation through the resistant total occlusion segment.

Balloon venoplasty was performed with two inflations at 10 atm, each maintained for approximately 2 minutes, resulting in effective luminal expansion and restoration of venous flow. The non-compliant design of the **JADE® Plus balloon** provided controlled and efficient lesion dilatation with minimal recoil, supporting optimal lesion preparation and improved vessel patency.

Throughout the procedure, **JADE® Plus balloon** delivered reliable performance, contributing to satisfactory lesion expansion and an excellent final angiographic result.

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