Stent Fenestration, Z-Stents, Or Use Of The Azygous For Difficult Iliocaval Outflow

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Faculty Disclosure
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Bifurcated Coronary Stent

Double barrel  Apposition

Inverted-Y, fenestration

fenestrum to place right, but then jail left

J Vasc Surg 2010;51:1457-66

Neglen P, J Vasc Surg 2010
another fenestration required

Neglen P. J Vasc Surg 2010

Inverted-Y, fenestration

Post thrombotic CTO of external iliac vein

Triforce tri-axial support

Stent Fenestration: Rösch-Uchida - Transjugular Liver Access Set

Serial Dilatation

Deploy New Stent Through Fenestrum
Try Not To Jail Contralateral Flow (Z-stent Optional)
Raju Z-stent Modification
(Off-label)

Ipsilateral Z-stent Within Wallstent

Bloom Contra Z-stent

Interdigitate Contra Z-stent

Interdigitation

Case 4

61yo WM
pelvic tumor as child-right iliac vein excision recurrent bilat DVT recurrent venous ulcers lifelong warfarin
Conclusion:

1. Interdigitation of z-stents during bilateral iliocaval stenting may obviate problems seen with fenestration
2. Look for alternate pathways (careful with nerves)
3. Never give up – but don’t force anything either

Thank you!