Multilayer stents are a safe and effective method in treating TBAD

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DISCLOSURES
• None.

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AORTIC DISSECTION

Aortic Dissection
TEVAR for TBAD
Aortic Dissection

2 years FU

Global Registry Study
Patients & Methods

Number of Dissections: 38
Type B Aortic Dissection: 35
Type B + Type A Dissection: 3
Number of Stents Used: 101
Number of Branches Covered:
- Innominate Artery: 14
- Left Common Carotid: 16
- Left Subclavian: 32
- Visceral Arteries: 109

Patients & Methods

At 12 Months Results Are Superior to INSTEAD, IRAD, ADSORB Studies

TEVAR @ CFD
KYNETIC elephant trunk

TBAD 4

TBAD 4
TBAD 4

Pre-op | Post-op | F-up 1m | F-up 2y | F-up 3y

TBAD 4

Pre-op 3126D2 | 0.63619 | 22.346 | 22.46 | 22.46
Post-op 121604 | 12.63 | 12.723 | 12.723 | 12.723
F-up 1m 102735 | 1.19181 | 1.1845 | 1.1845 | 1.1845
F-up 2y 115220 | 1.49529 | 1.5093 | 1.5093 | 1.5093
F-up 3y 120489 | 1.67684 | 1.67684 | 1.67684 | 1.67684

4 D – Aortic therapy

TBAD 4

TBAD 4

TBAD 1
Types of Dissection Managed By MFM

- A total of 23 patients, mean age 53 years (27-70 years) were treated.

<table>
<thead>
<tr>
<th>Type</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total of type B dissection - BMFM</td>
<td>16</td>
</tr>
<tr>
<td>Type A followed by TEVAR for symptomatic Type B</td>
<td>6</td>
</tr>
<tr>
<td>Type A requiring immediate TEVAR for severe malperfusion syndrome after surgery</td>
<td>1</td>
</tr>
</tbody>
</table>

**RESULTS - 23 PATIENTS!**

- No Paraplegia OR Stroke
- No Loss of Branch Patency
- No Rupture
- No Device Failure

**Conclusion**

- MFM 4D Aortic Therapy is a Promising Technology, Safe and Effective
- Protection from rupture is achieved immediately after implantation
- The SMFM offers immense promise in the treatment of complex aortic dissections

**Concluzii**

- Eficacitatea MFM este data de capacitatea de a stabiliza peretele aortic disecat combinat cu efectul sau unic de a obtine proliferarea celulelor endoteliale si a mentine perfuzia in colateralele aortei
- Potenteaza capacitatea fiziologica de regenerare a corpului uman prin modularea fluxului sanguin in aorta disecat cu un risc minim de trombozare a ramurilor colaterale
- SMFM® este inosit de un traumatism operatoriu minim, asociat cu o intervenție endovasculara scurtă si o perioada redusa de spitalizare

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THANK YOU!

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