

TEVAR To Treat Uncomplicated Acute/Subacute Type B Aortic Dissections (uTBADs) Must Still Be Justified By An RCT: Is An Appropriate One Possible Or Not?

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## Imperial Colleg

## DISCLOSURES

I have the following potential conflicts of interest to report unrelated to this talk Consulting – Medtronic, Gore Grant funding – Medtronic, Gore, Terumo

I have the following potential conflicts of interest to report related to this talk: Chief Investigator for NIHR EARNEST trial Clinical lead for the UK National Vascular Registry (from next week)



## Imperial College TEVAR To Treat Uncomplicated Acute/Subacute Type B Aortic Dissections (uTBADs) Must Still Be Justified By An RCT HR=0.35 (0.13 - 0.98) • Two RCTs showed early c=0.045 stenting safe, remodeling is excellent and late mortality may be improved. One or more systematic reviews from trials and observational studies showed OR 2.71 late ARM with BMT 50 32 OMT 55 32 OMT + TEVAR



Imperial College London TEVAR To Treat Uncomplicated Acute/Subacute Type B Aortic Dissections (uTBADs) Must Still Be Justified By An RCT									
<ul> <li>But the evidence is not robust:</li> <li>– Numerous biases in all</li> </ul>		Arterial Centre	No.of TEVAR	NVR data					
observational studies	1	St. Georges', London	71	• 50% of					
<ul> <li>Trials underpowered</li> </ul>	2	Imperial College, London	70	high-					
<ul> <li>Expert centers, not taking into account variability that exists</li> </ul>	3	Royal Brompton, London	47	volume					
Selected patients and not generalizable populations	4	North Bristol, Bristol	39	London					
	5	St. Thomas', London	38	6 units					
<ul> <li>There is no robust method to</li> </ul>	6	Birmingham	38	11-25 cases					
select those that dilate	7	Leeds	30	• 20 units					
Equipoise still exists	8	North Midlands, Stoke	26	1-10 cases					

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