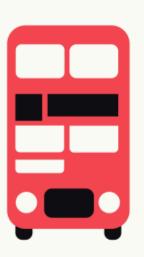






CAMBRIDGE UNION SOCIETY OCTOBER 7&8,2022

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FACULTY DISCLOSURE

I disclose the following financial relationships:

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ESC Valve Guidelines 2021....

Recommendations on management of prosthetic valve dysfunction (3) ESC



Recommendations	Class	Level
Haemolysis and paravalvular leak		
Reoperation is recommended if a paravalvular leak is related to endocarditis or causes haemolysis requiring repeated blood transfusions or leading to severe heart failure symptoms.	ı	С
Transcatheter closure should be considered for suitable paravalvular leaks with clinically significant regurgitation and/or haemolysis in patients at high or prohibitive surgical risk.	lla	В
Decision on transcatheter or surgical closure of clinically significant paravalvular leaks should be considered based on patient risk status, leak morphology, and local expertise.	lla	С

In Absence of Randomized Data Some Evidence...

 Surgical re-operation is associated with thirty day / in-hospital mortality of 8.8-11.5% (10,7% leading centre-Milan)

 Overall hospital mortality of 3.9% in percutaneous closure –all centres (UK Ireland Registry-P Calvert)

Paravalvular Leak

Percutaneous First...

Yes, unquestionably

- But Experience Matters, Procedure Relat Infrequent
- (and rapidly growing TAVI in 2022 almost abolished post procedural leak..)
- So
- Percutaneous First But Not Necessarily In All Centres?

Paravalvular Leak Percutaneous First...

- At the MDT Surgeons Prefer This
- Cardiology Structural Expertise
- Imaging and Interventional
- Skill set grown over decade
- Resources Utilization
- Keeps surgical option opened
- Patient Preference