Results of Endovascular Graft Aortic Repair in Mixed Connective Tissue Disease (Heritable Aortic Disease): Is It Time To Change The Guidelines: In What Circumstances is Endovascular Repair Indicated?







Guidelines, CTD & Endo			
Guideline	General Stance on EVAR/TEVAR	Specific Scenario for Endovascular Use	Focus
Chaikof et al. (2018)	Avoid if possible; open preferred	Select emergency (rupture/dissection)	Fragility of CTD tissue
lsselbacher et al. (2022)	Cautious consideration, selected scenarios	Acute TBAD or life- threatening complication	Tailored, multi- disciplinary approach
Wanhainen et al. (2024)	Strongly discouraged, except emergency	Salvage/emergency cases	Durability, long- term complications
Czerny et al. (2024)	Rarely recommended, only multidisciplinary consensus	Hemodynamic instability or anatomic complexity	Centralized care & risk mitigation
*Significant variation in CPG endo enthusiasm			
Charlef of al. J Hone: Samp 2016 IsoStabutor et al. Cincalifon: 2022 Wahalamen et al. Eur J Mace Endones: Sang 2024 Ceener vet al. Ann Thome: Sang 2024			













Conclusions & Recommendations Historical norms being challenged for CTD + Endo. Endovascular repair likely reasonable option: non-elective scenarios anatomic high-risk [reduce complexity] physiologic high-risk adjunct/bridge to open aortic repair High rate of Reintervention – mandates differential surveillance intensity relative to non-CTD patients and



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