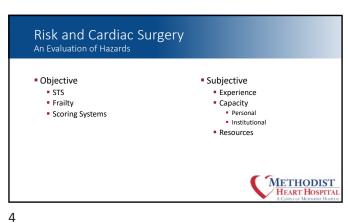


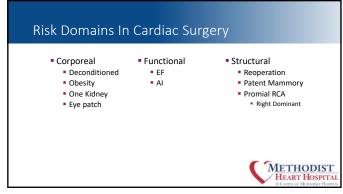


High Risk?

METHODIST
HEART HOSPITAL
ACCOUNT OF Manager Hammer.



3



An Honest Assessment of Risk
The plural of "anecdote" is not "data"

- Historic Examples
- Columbus
- Sound Barrier
- Pulsatility
- Perverse Incentive (industry, outcomes, effort)
- Correlation vs Causation

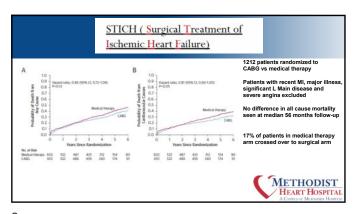
- Correlation vs Causation

5



Coronary Artery Revascularisation Selection of patients : Several clinical factors play a major role in the decision-making, 1. The presence of angina, 2. The severity of heart failure symptoms, 4. LV dimensions. 4. The adequacy of target vessels for revascularization and 5. The extent of jeopardized but still viable myocardium METHODIST

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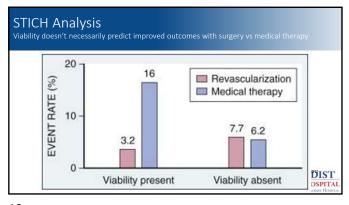
Hazard ratio, 0.76 (95% CI, 0.62-0.92) Pv0.005 No. at Risk Medical therapy 592 516 464 412 297 146 74 CABG 620 548 509 482 355 182 97 430 381 276 452 428 319 CABG associated with reduction in cardiovascular death and combined outcome of death or cardiovascular hospitalization CABG also associated with 30% relative reduction in mortality in "on-treatment" analysis (accounting for patients crossing over within 1st year of study ME METHODIST HEART HOSPITAL

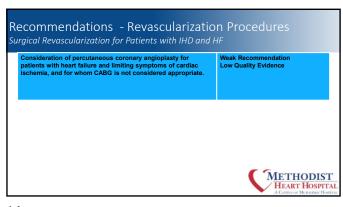
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Recommendations - Revascularization Procedures Surgical Revascularization for Patients with IHD and HF	
Consideration of coronary artery bypass surgery for patients with chronic ischemic cardiomyopathy, LVPF < 35%, graftable coronary arteries and who are otherwise suitable candidates for surgery, irrespective of the presence of angina in order to improve quality of life, cardiovascular death and hospitalization.	Strong Recommendation Moderate Quality Evidence
Consideration of performance of coronary revascularization procedures in patients with chronic heart failure and reduced LV ejection fraction should be undertaken with a medical-surgical team approach with experience and expertise in high risk interventions.	Strong Recommendation Low Quality Evidence
	METHODIST HEART HOSPITA A CAMPAS OF METHODIST HOSPIT

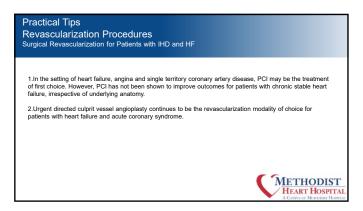
STICH Analysis Improved prognosis with viability Hazard ratio, 0.64 (95% CI, 0.48-0.86) Analysis of 601 patients with viability testing data available 0.8-0.7-0.6-0.5-0.4-0.3-Probability of Death Viability defined as ≥ 11 segments on SPECT or ≥ 5 segments on DSE imaging METHODIST HEART HOSPITAL

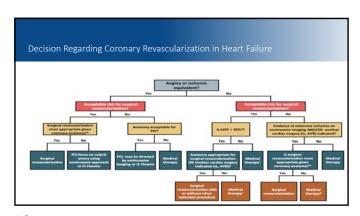
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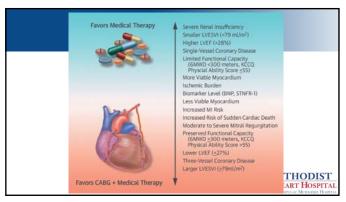


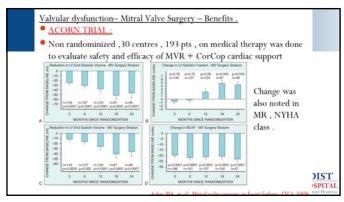
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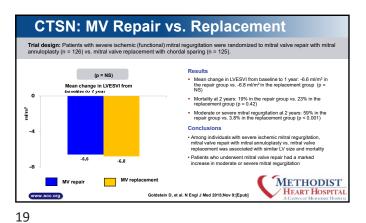


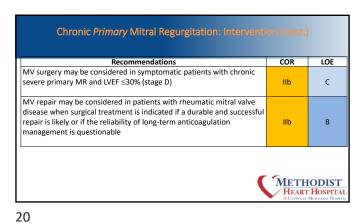
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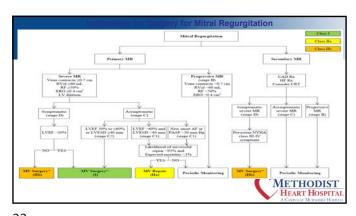


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BOLLING hypothesis there is an "annular solution for a ventricular problem . . . such that reconstruction of the mitral valve annulus' geometric abnormality by an undersized ring restores valvular competency, alleviates excessive ventricular workload, improves ventricular geometry and improves ventricular function."

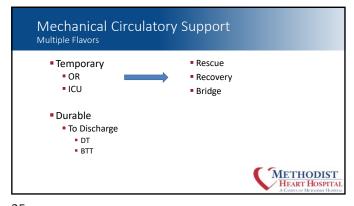


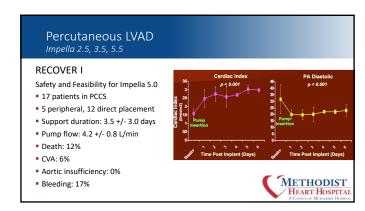
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Intra Operative Access Exposure Protection Techniques ■ Pattern Recognition Response Hemostatsis ■ Pump Stewardship METHODIST HEART HOSPITAL

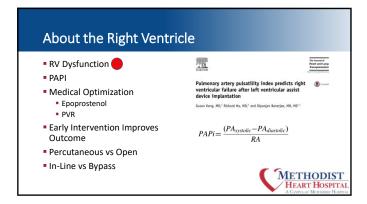


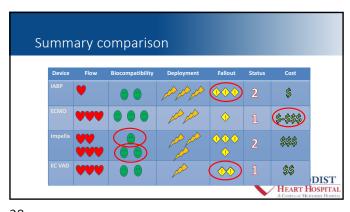
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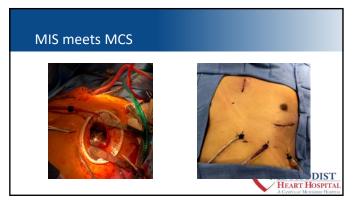


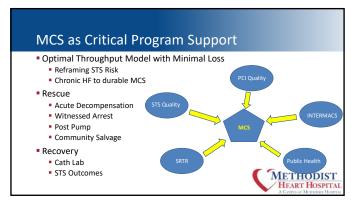
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