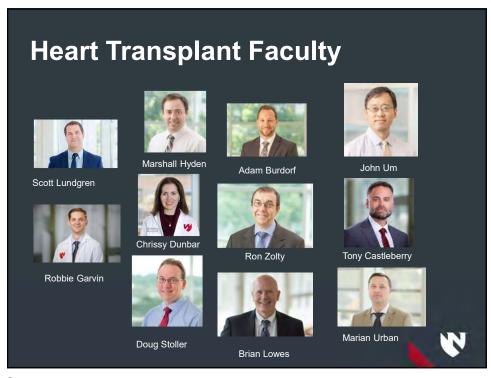


Objectives

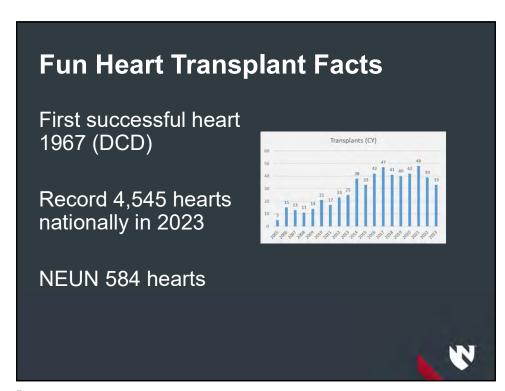
- Review UNMC Outcomes in Heart Tx
- Discuss Strategies to Improve Outcomes: Shock Team, Expanding the Donor Pool, Acute MCS as a bridge, OCS, Monitoring of Patients Post-Transplant

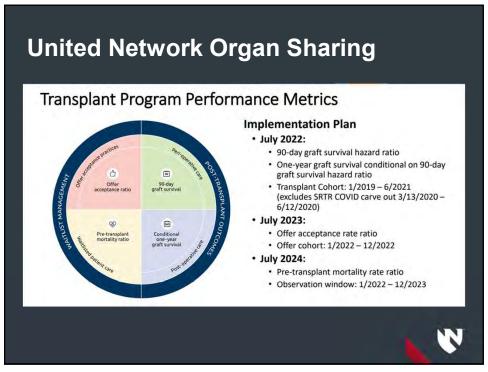
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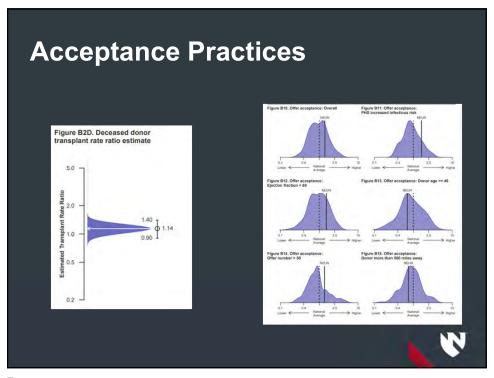


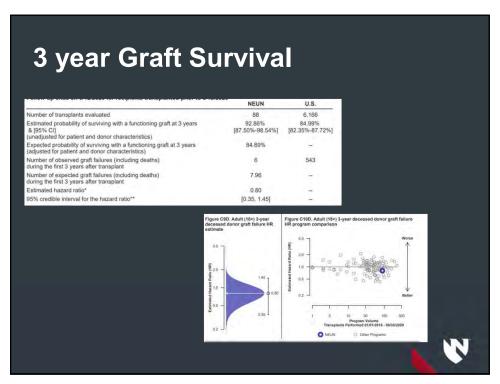
Clinical Programs Heart Transplant Heart Failure Disease Management Pulmonary HTN LVADs & MCS Cardiovascular Genetics Cardiogenic Shock Cardio-Oncology

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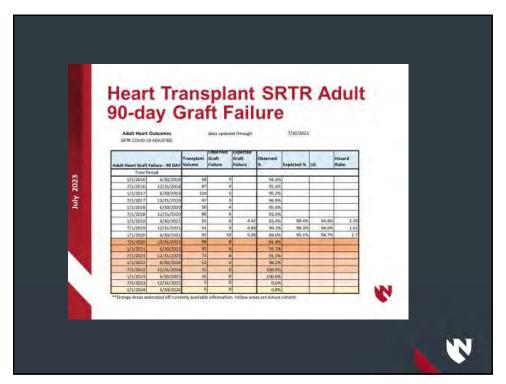


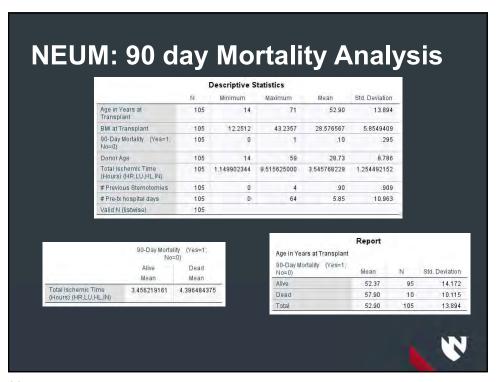






MPSC Pre-Transplant Review Criteria (not public)* Pre-transplant mortality barream 0101/0207 and 1201/0202 Offer acceptance between 0101/0207 and 1201/0202 Offer acceptance between 0101/0207 and 1201/0202 Offer acceptance between 0101/0202 and 1201/0202 Offer acceptance between 0101/0202 and 1201/0202 Pre-Transplant Adult (18+) Pre-Transplant Adult (18+) Pre-Transplant Montality Acceptance Normber*** 34 963 0 Check Acceptance 10 36 0 Check Acceptance	and the second						
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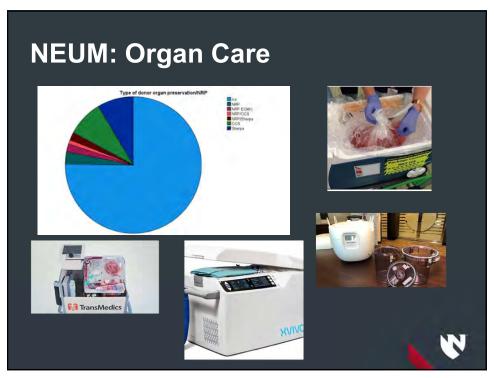
Strategies to Improve Outcomes

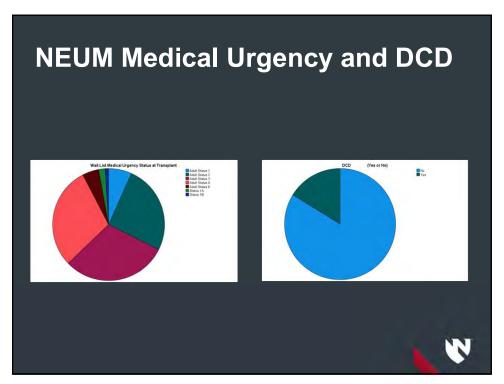
Pre-transplant Survival: Shock Team, Bridging with MCS

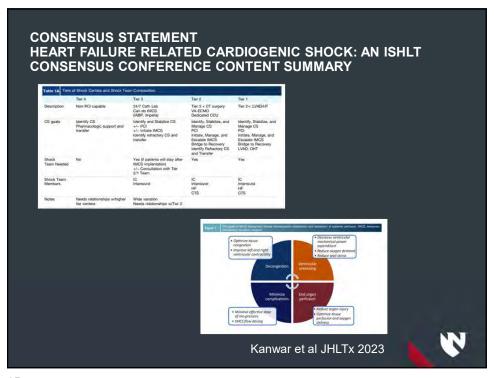
Offer Acceptance Ratio: Expanding Donor Pool with DCD

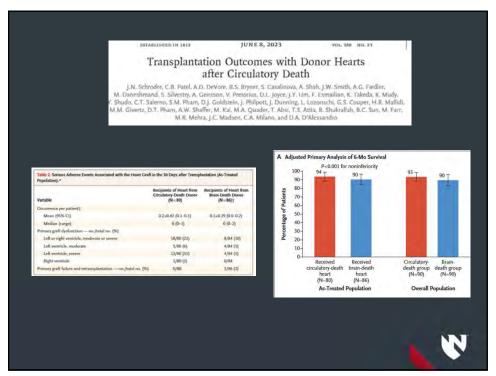
90 Day Conditional Survival: Organ Care Systems

1 year Conditional Survival: Rejection Monitoring & Molecular diagnostics









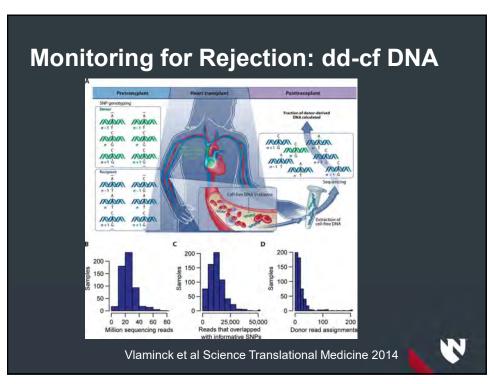
Expand Trial : OCS to expand donor pool

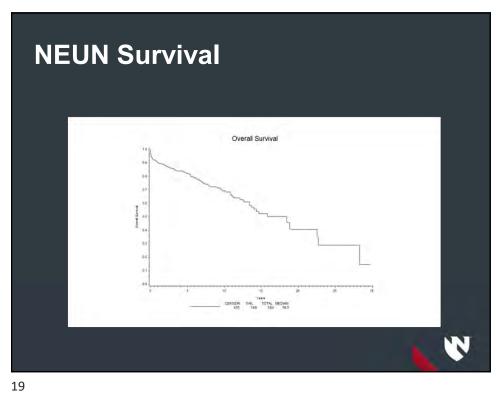
- > 4 hours ischemic time
- > 2 hours + LVH, LVEF <50%, Age
 >55, down time
 >20 min

93 eligible hearts
UNOS match run 66
declines
75 of 93 hearts
utilized
Average OCS time
6.3 hrs
30 day survival 95%
PGD 11%

Schroder et al JHLTx 2019

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Average	wait Ti	me by Ble	ood Type (Dave)	
Average	A	AB	B	O	
Status 1	2.6	NA	2.5	3.8	
Status 2	5.7	10	7.3	13.6	
Status 3	21.4	NA	92.8	93.8	
Status 4	131.7	10.5	109.7	322.5	
Status 5	184	NA	NA	NA	
Status 6	183.7	NA	48.3	177	
1A	8.7	20.5	20.5	9.7	
1B	128.2	NA	141	200.6	

Conclusions: Transplantation 2024

- Outcomes are transparent and there is a focus on quality improvement
- Increased utilization of temporary MCS and OCS
- Expanded donor pools, and transplantation of sicker patients
- Increased monitoring of patients post transplant with molecular diagnostics



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