

Heart Transplant Update 2025

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Disclosures

None



Objectives

- Discuss the current state of the Heart Transplant Program
- Communicate ongoing research



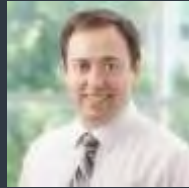
Heart Transplant Faculty



Scott Lundgren



Robbie Garvin



Marshall Hyden



Chrissy Dunbar



Doug Stoller



Adam Burdorf



Ron Zolty



Brian Lowes



John Um



Tony Castleberry



Marian Urban



Advanced Practice Providers



**Teri Diederich,
APRN-NP**



**Lauren Hager,
APRN-NP**



**Kyana Holder,
APRN-NP**



**Jason Hennessey,
PA-C**



**Sara Shonka
APRN-NP**

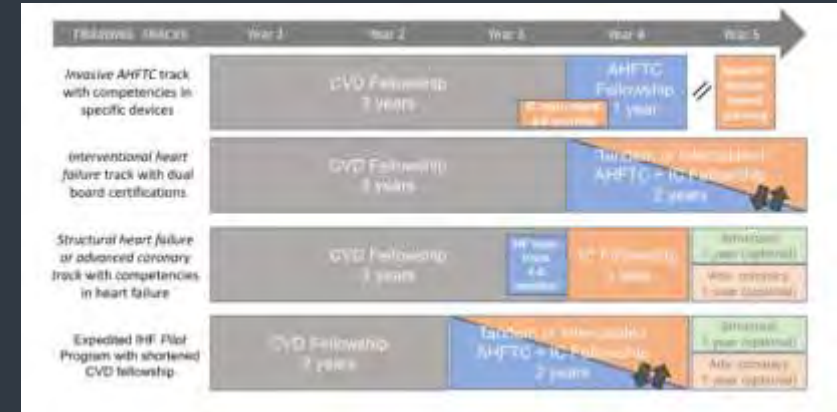
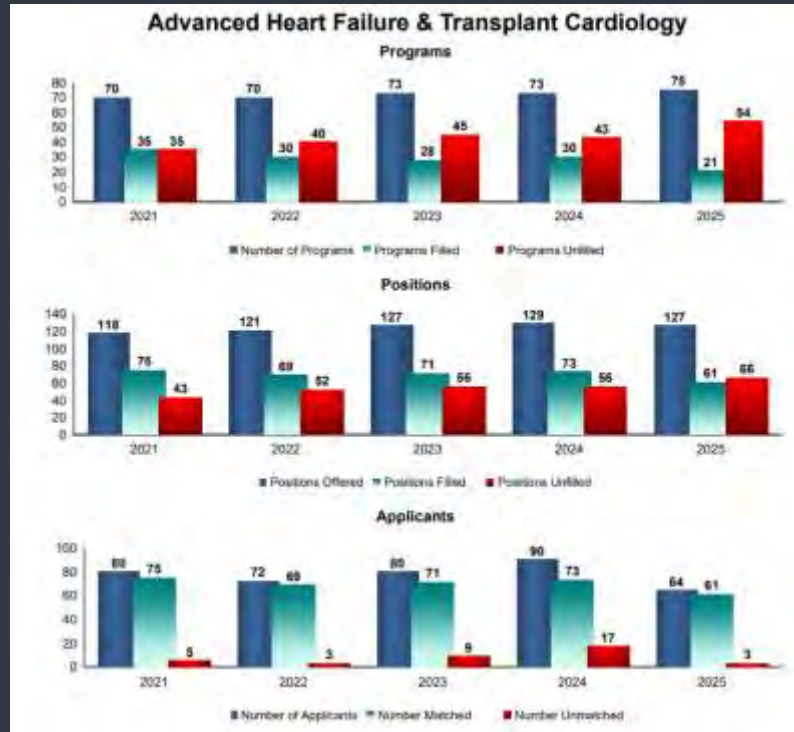


Clinical Programs

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



ACGME AHFTX Fellowship Program



[Journal of the Society for Cardiovascular Angiography & Interventions](#)

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United Network Organ Sharing

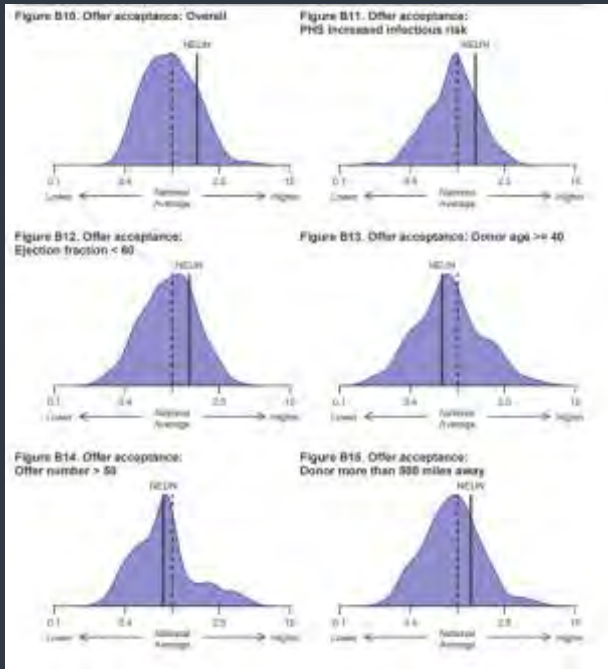
Transplant Program Performance Metrics



Implementation Plan

- **July 2022:**
 - 90-day graft survival hazard ratio
 - One-year graft survival conditional on 90-day graft survival hazard ratio
 - Transplant Cohort: 1/2019 – 6/2021 (excludes SRTR COVID carve out 3/13/2020 – 6/12/2020)
- **July 2023:**
 - Offer acceptance rate ratio
 - Offer cohort: 1/2022 – 12/2022
- **July 2024:**
 - Pre-transplant mortality rate ratio
 - Observation window: 1/2022 – 12/2023

Offer Acceptance Rates



Offers Acceptance Characteristics	This Center	OPO/DSA	Region	U.S.
Overall				
Number of Offers	401	401	2,585	62,764
Number of Acceptances	36	36	262	3,973
Expected Acceptances	21.5	21.5	191.3	3,973.1
Offer Acceptance Ratio*	1.62	1.62	1.37	1.00
95% Credible Interval**	[1.15, 2.17]	--	--	--



Waitlist Mortality

Figure B7. Observed and expected rates of patient mortality after listing: 07/01/2022 - 06/30/2024

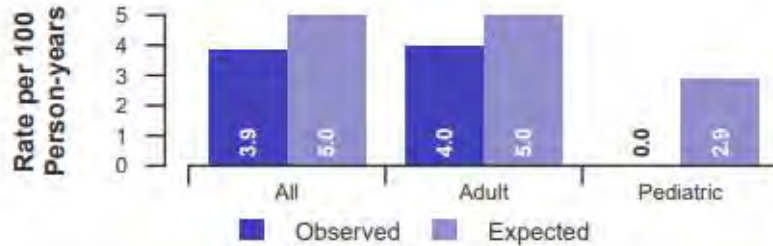


Figure B9. Observed adult (18+) and pediatric (<18) rates of patient mortality after listing: 07/01/2022 - 06/30/2024

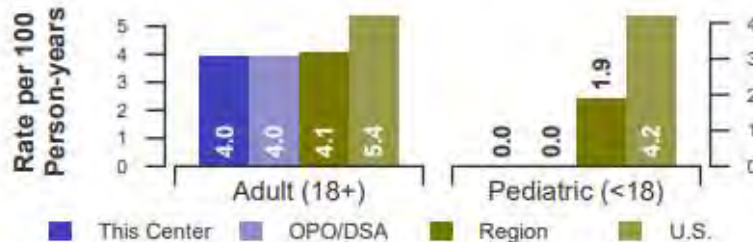
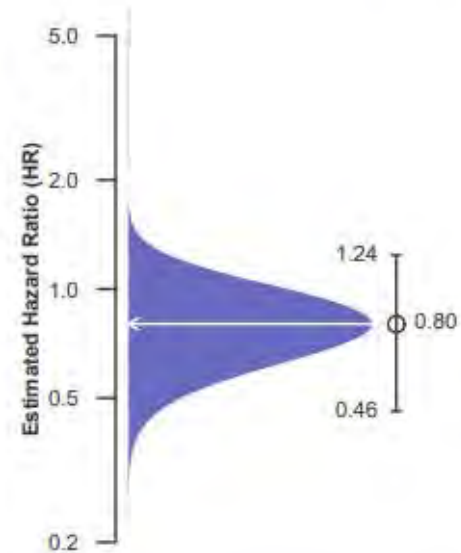


Figure B8. HR estimate of patient mortality after listing



NEUN 90 day Heart Transplant Survival

Figure C3D. Adult (18+) 90-Day deceased donor graft failure HR estimate

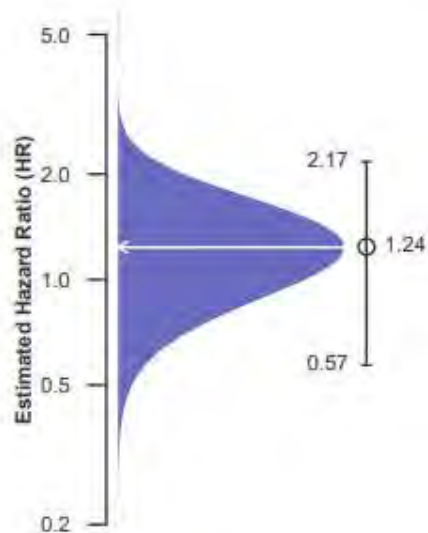
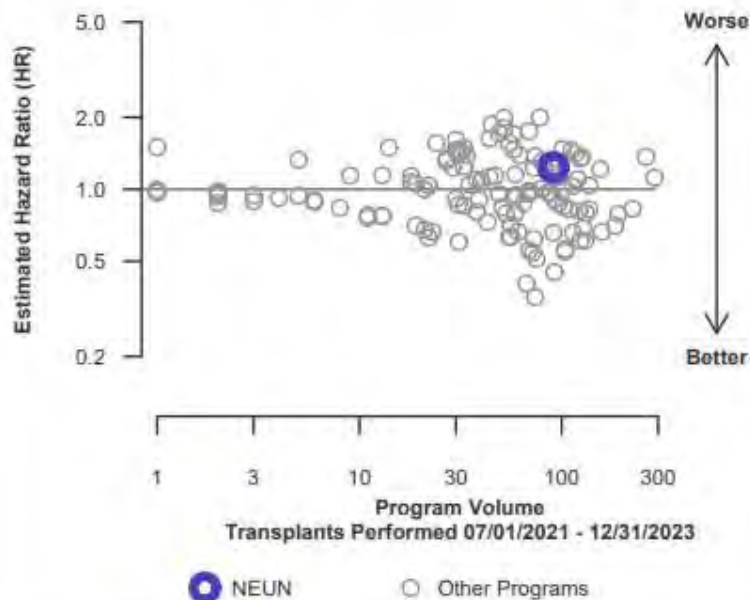


Figure C4D. Adult (18+) 90-Day deceased donor graft failure HR program comparison



NEUN 1 year Heart Transplant Survival

Figure C7D. Adult (18+) 1-year Conditional deceased donor graft failure HR estimate

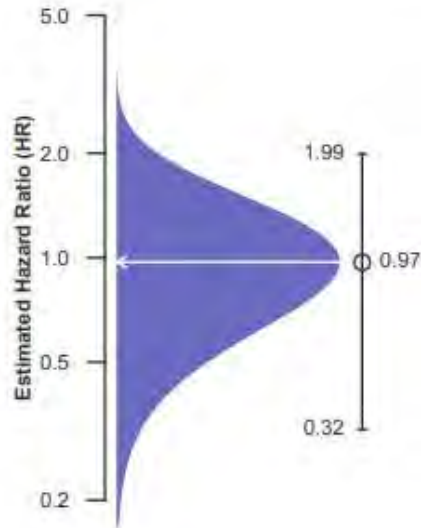
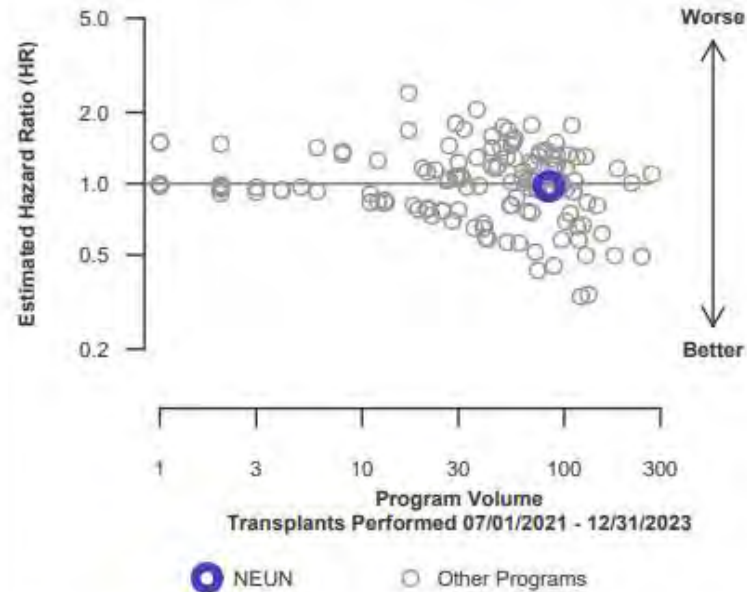


Figure C8D. Adult (18+) 1-year Conditional deceased donor graft failure HR program comparison



NEUN Heart Transplant 3 year Survival

Figure C9D. Adult (18+) 3-year deceased donor graft failure HR estimate

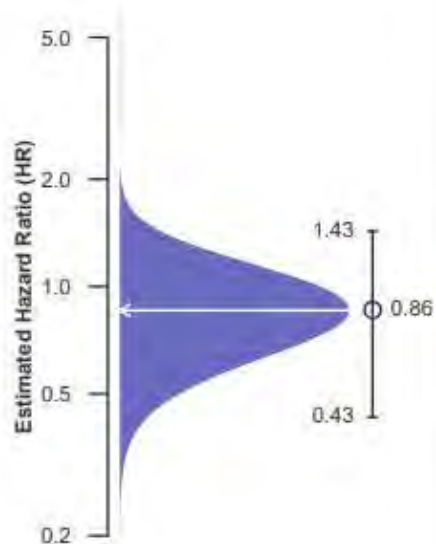
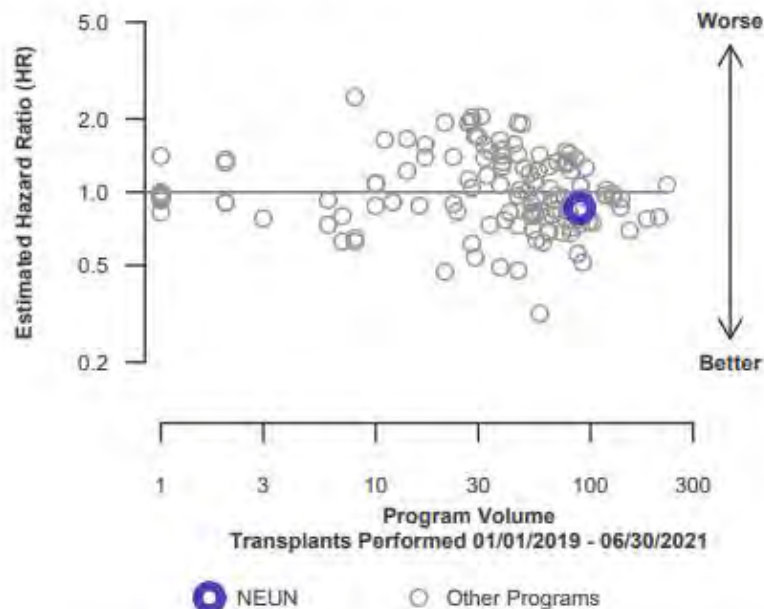
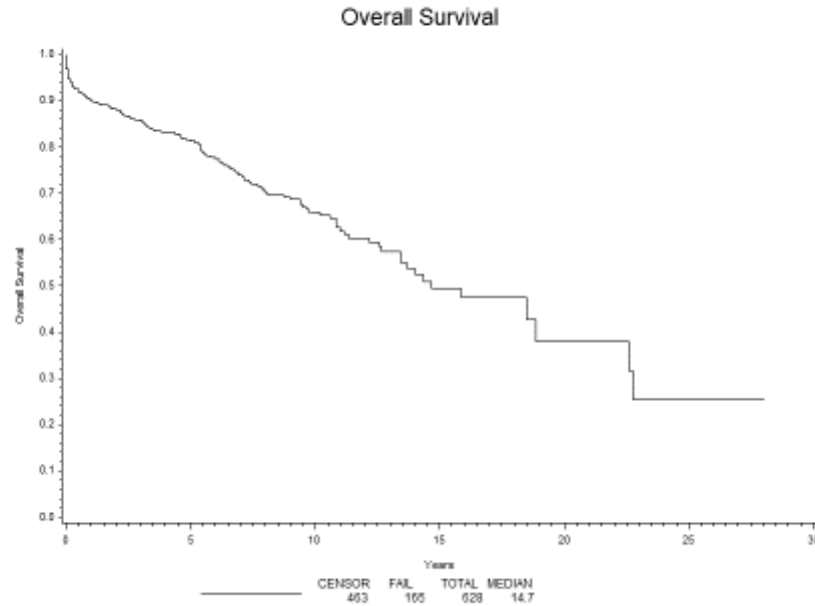


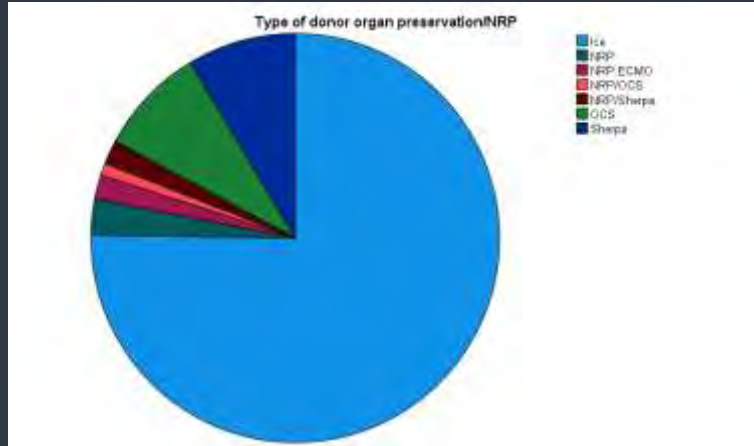
Figure C10D. Adult (18+) 3-year deceased donor graft failure HR program comparison



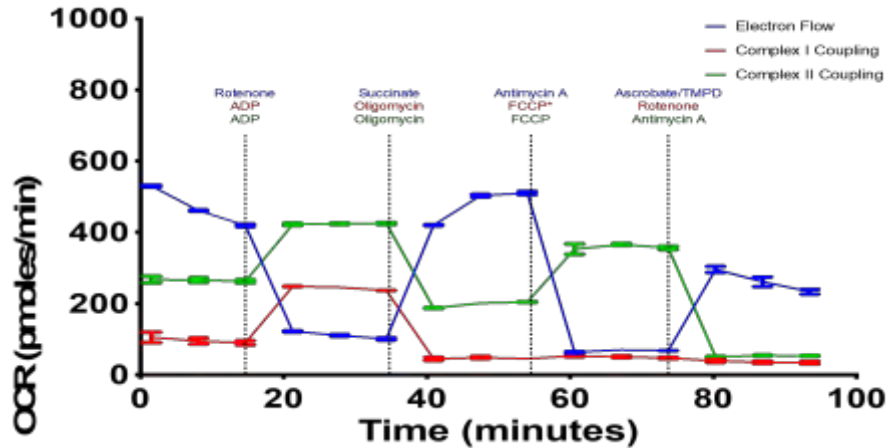
NEUN Heart Transplant Survival



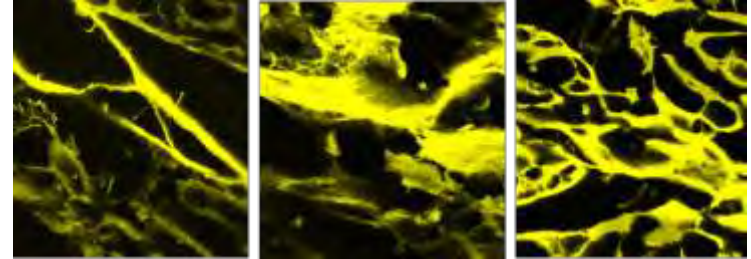
NEUM: Organ Care



Porcine Mitochondrial Transplant



Ex-vivo perfusion of DCD Heart



Acknowledgements

- Doctors (CCA, EP, Interventional, Imaging)
- Nurses
- APP
- Social Workers
- Pharmacists
- Financial Counselors
- Psychologists
- Administrators
- Schedulers





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