

LAB THE UNIVERSITY OF ALABAMA AT BIRMINGHAM

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DISCLOSURES

· I have no disclosures

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### OUTLINE

- Basics of organ donation
- Organ donation attitudes and behaviors in the US
- Understanding the disconnect (a.k.a. the "Why Not?")
- · Changing the Conversation Part 1: Community Awareness
- Changing the Conversation Part 2: Fundamental Knowledge

Ensuring transparency and equity: Population health and access to transplantation

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## BASICS OF ORGAN DONATION

WHY DONATE?



More than 1 in 7 15% of US adults are estimated to have chronic kidney disease, that is about 37 million people. Every 24 hours, **360** people begin dialysis treatment for kidney failure.

In 2018, treating Medicare beneficiaries with CKD cost over **\$81.8 billion**, and treating people with ESRD cost an additional **\$36.6 billion**.

https://www.cdc.gov/kidne

### WHY DONATE?

- · Cirrhosis: 12th leading cause of death in the US
- National cost of treatment: \$14 million to \$2 billion
- Indirect costs: \$10.6 billion
- Liver transplantation is the only effective treatment for end stage liver disease

tol (N Y). 2011 Oct;7(10):661-71. The







AND THERE IS MORE One donor can... heal up to save up to 8 lives 75 lives \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* 0,0,0,0 พพพพพ \*\*\* Q Q Q\*\*\*\*\* www \*\*\*\*\* through
TISSUE donation through **ORGAN** donation

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# MAKING THE CONNECTION – SOCIAL MEDIA?

























No autonomy here. How do we change the conversation?





	Adjusted Hazard Ratio (95% CI)	p-value
LDN Self-Advocates vs. LDN Patients with Advocate	0.73 (0.37 – 1.44)	0.37
LDN Self-Advocates vs. Standard of Care	2.48 (1.26 – 4.90)	0.009
LDN Patients with Advocate vs. Standard of Care	3.39 (2.20 – 5.24)	<0.0001
<ul> <li>Educational programming is critical – Ft</li> <li>Enhanced by going beyond the individu</li> </ul>	JNDAMENTAL KNOWLED al – COMMUNITY AWARE	GE NESS



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### TRANSPLANT RATE

- · Metric by which disparities have been defined / quantified
- OPTN defines transplant rate as the number of transplants performed per 100 years of waiting time
  - ~ transplant rate at a given center is the total number of transplants performed in a given time period divided by the waitlist size
- What's the critical assumption? . . .
  - · Waitlist size accurately reflects end-stage disease burden
  - In other words, the vulnerable populations that need transplant most actually make it to the list

# ACCURATE MEASURE OF END-STAGE DISEASE IS CRITICAL





### IMPACTS ORGAN <u>SUPPLY</u> – LIVING DONOR











### CONTINUING THE CONVERSATION

 Metric (transplant rate) by which disparities have been defined / quantified needs to reflect actual disease burden rather than center-specific practices

HONORS THE DECISION TO DEFINE ONE'S LEGACY

#### POTENTIAL TO SUSTAIN INCREASES IN DONATION

- · Centers to be held accountable for serving their population
- Allocation algorithms to ensure available organs are supplied to areas with greatest need

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### TAKE HOME MESSAGE

- What I Learned From
- Organ donation can save lives
- Relate and connect to the need for organ donation
- Transparency and equity in transplantation

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