

# Less Choice, More Allocation

Jesse Schold, PhD  
Cleveland Clinic  
Cleveland, Ohio



CUTTING EDGE of  
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to Unleash Transplant Innovation*

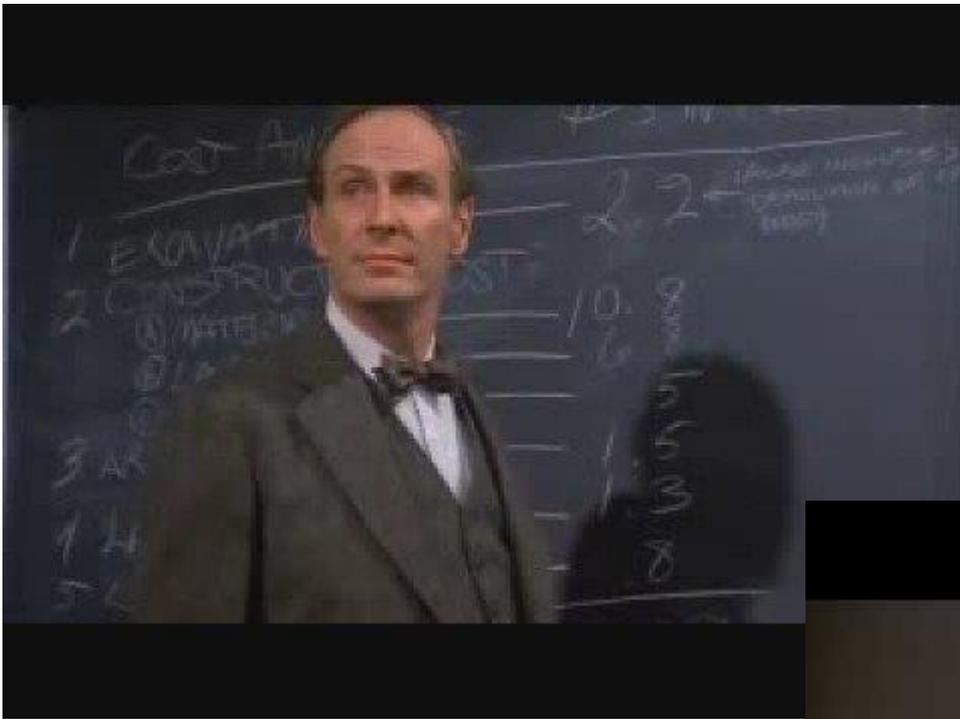
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## Disclosures

Nothing to disclose related to the content of this presentation.



# Spectrum of Allocation Priority

Every candidate at every center has equal chance to accept a deceased donor organ

Directed allocation policy with primary aim to maximize utilization (minimize discard)

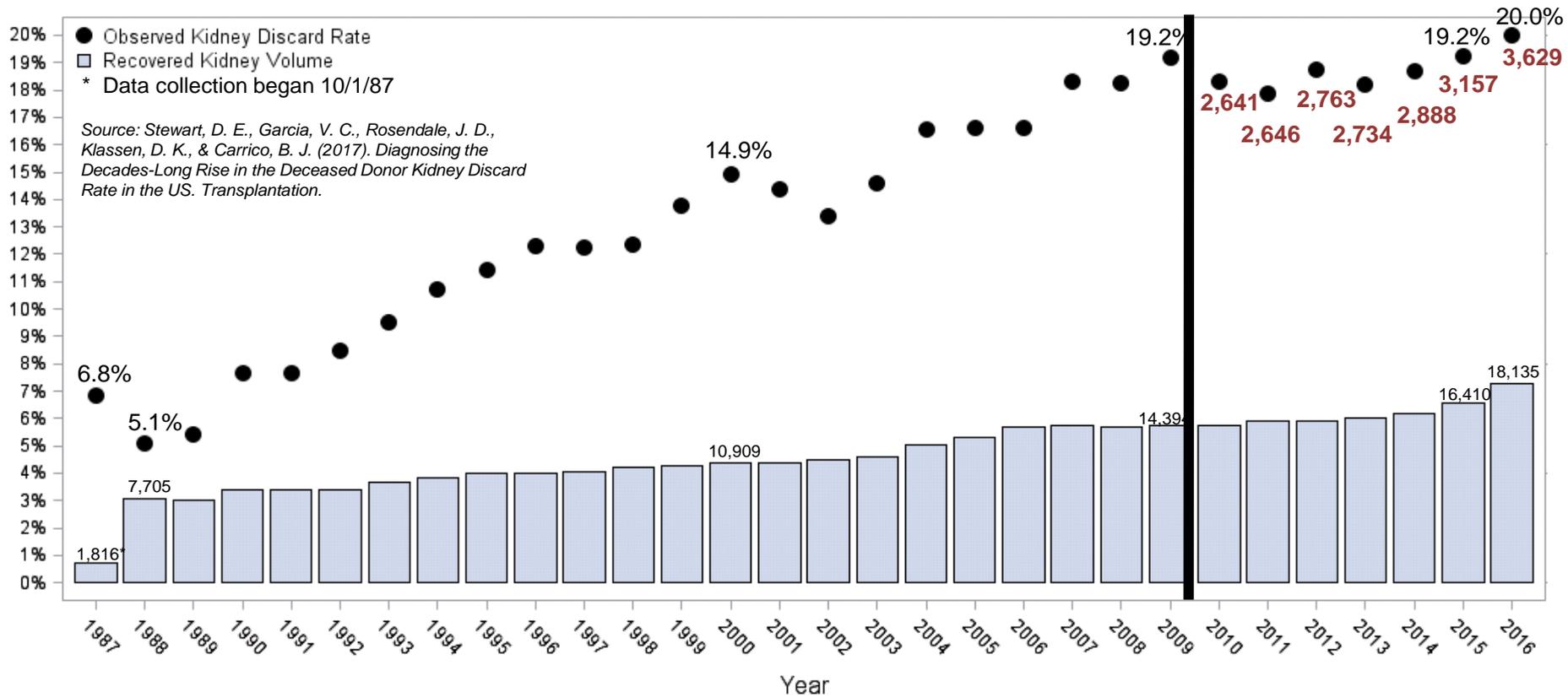


Current kidney system:

- Local/Regional provisions
- Weights for
  - Pediatrics
  - Former donors
  - PRA
  - HLA-mm

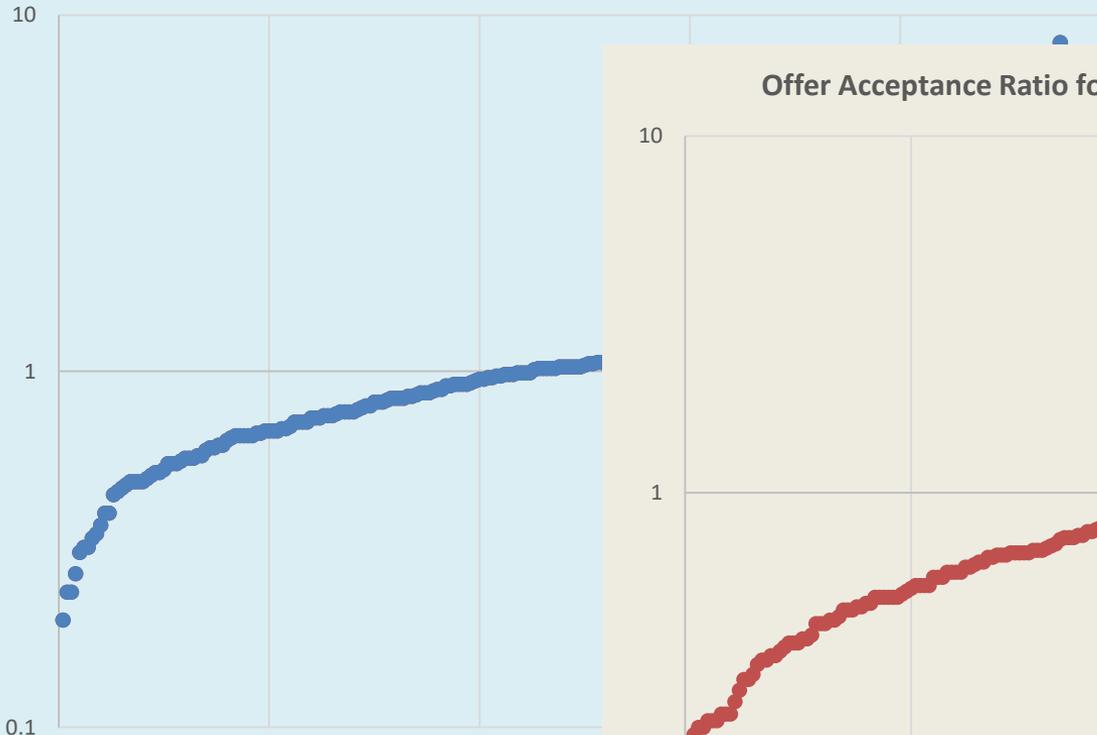
No center-specific criteria for organ offers other than center's own indication of patients willingness to accept

# Discard rate trends - kidney

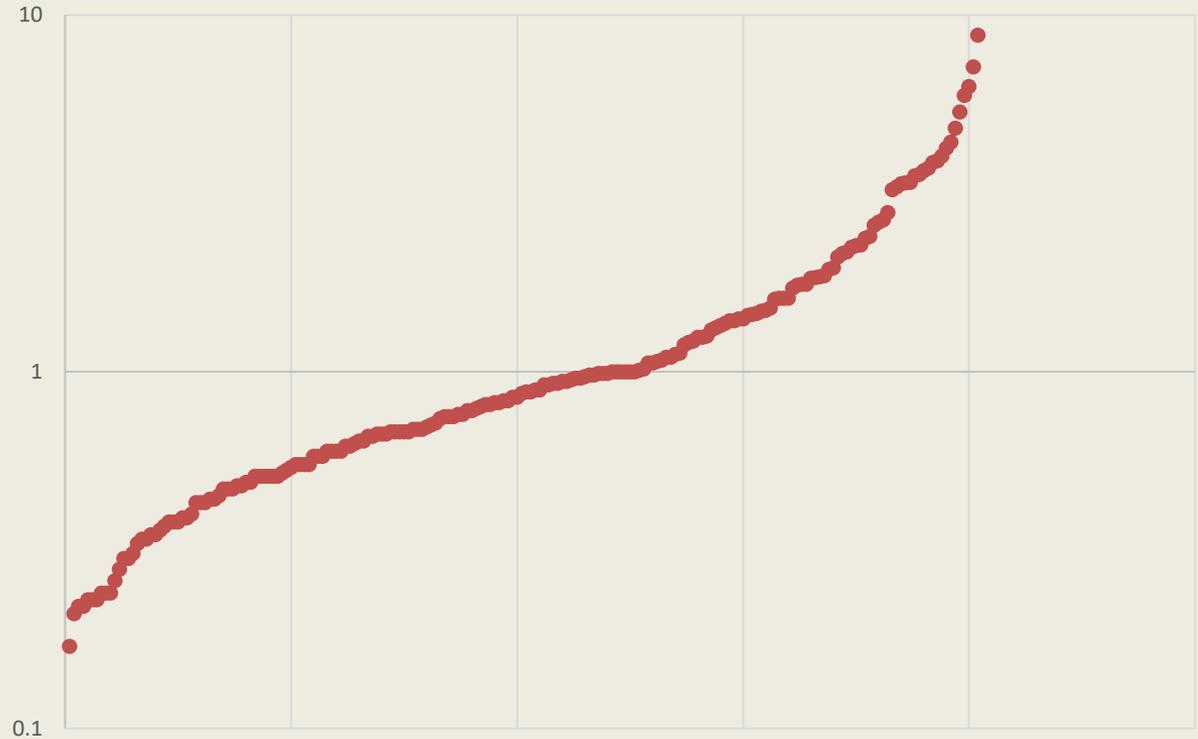


# Offer Acceptance Ratio by US Kidney Transplant Center

Offer Acceptance Ratio by US Kidney Transplant Center



Offer Acceptance Ratio for KDRI>1.75 by US Kidney Transplant Center



# Audience Poll Question

- Should a center that never accepts a ‘higher-risk’ organ offers despite indicate willingness to accept over a reasonable period (e.g. one year) still be offered these type of organs?
  - A. Yes
  - B. It depends
  - C. No

# Spectrum of Allocation Priority

Every candidate at every center has equal chance to accept a donor organ

Probability-based model for centers that are likely to accept a given organ offer

Directed allocation policy with primary aim to maximize utilization (minimize discard)

## Advantages:

- Equitable to each candidate at each center
- More autonomy selecting right organ for right patient

## Disadvantages:

- Leads to delays in acceptance, increased CIT and discard

## Advantages:

- Increase efficiencies to place organs
- May encourage additional procurement

## Disadvantages:

- More complex to understand
- May disadvantage some patients at 'conservative centers'

# Audience Poll Question

- Thinking of allocation priority on a spectrum as I described, what would you prefer to be the direction of future policy (if any change)?
  - A. More equity (more choice for more centers)
  - B. Status quo is appropriate
  - C. More directed allocation to centers that use organ offers

# Conclusions

- “Turning the dial” on organ allocation to incorporate center behavior would increase efficiencies and reduce organ discard
- A probabilistic model would provide opportunities to change acceptance patterns although more complex to understand
- Transparency of organ acceptance patterns would be important to disseminate to prospective candidates and models important to clearly disseminate to centers