

The Future – What Would an Ideal Report Card Look Like

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CUTTING EDGE of
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Disclosure

No disclosures to report related to the content of this presentation

Audience Poll Question

How many in the audience have heard a version of the following narrative at your center..

“We could transplant Mr./Mrs. Jones or accept organ offer X.....**but** how will it affect our SRTR numbers..”

A. Yes (I have heard this)

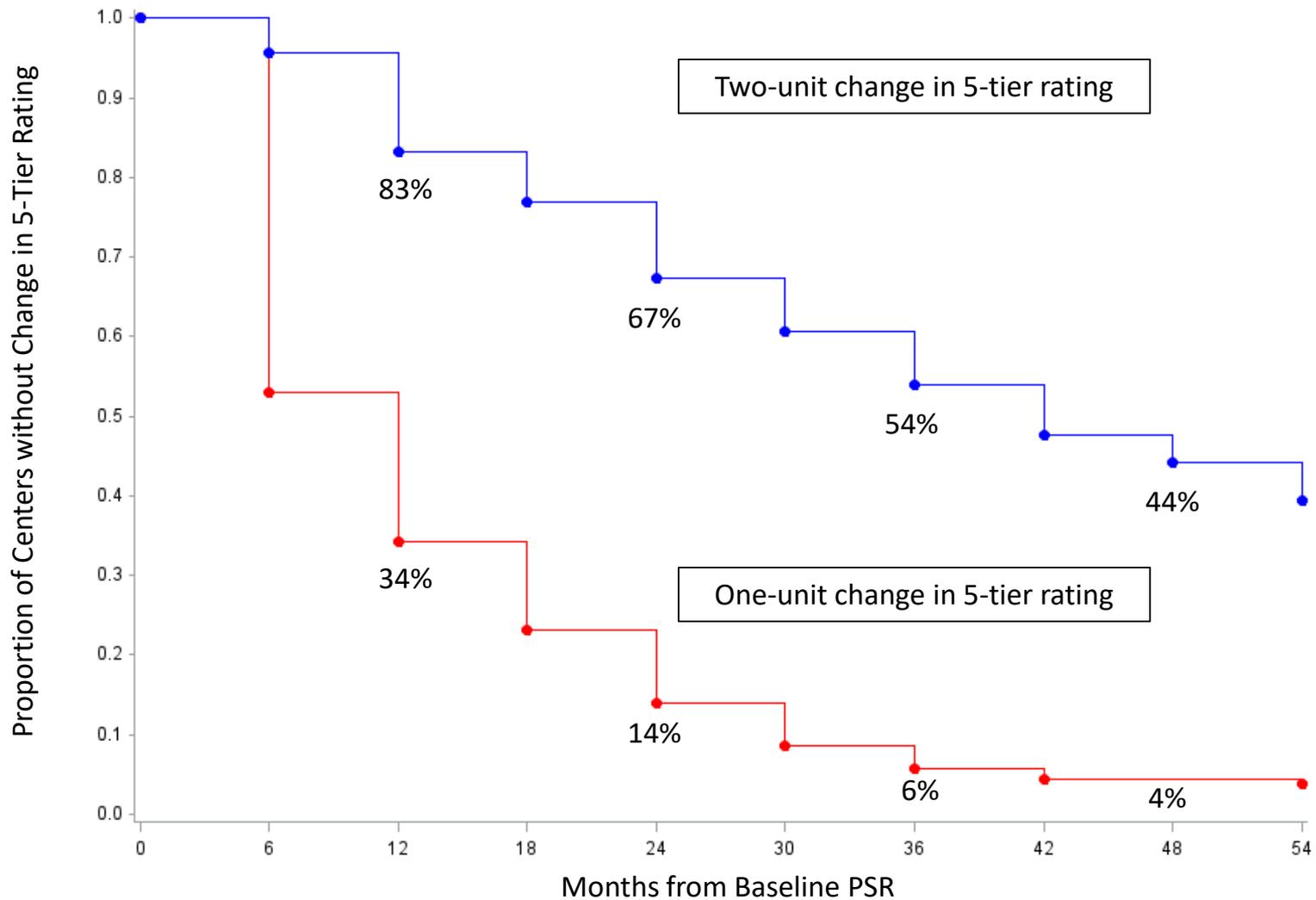
B. No (I have not heard this)

“UNOS and CMS: Kidney Transplant Regulation Gone Too Far?”

- YES
 - Too much
 - Not most relevant to patient outcomes
 - Wrong indicator of quality - Does not reflect comprehensive quality of transplant centers
 - Confounding leading to biased assessments – flagging not proportional to uncertainty
 - Deleterious impact on access to care

Significant revision of transplant center quality oversight is needed addressing these issues and aligning incentives between providers and patients

Volatility of 5-Tier Ratings



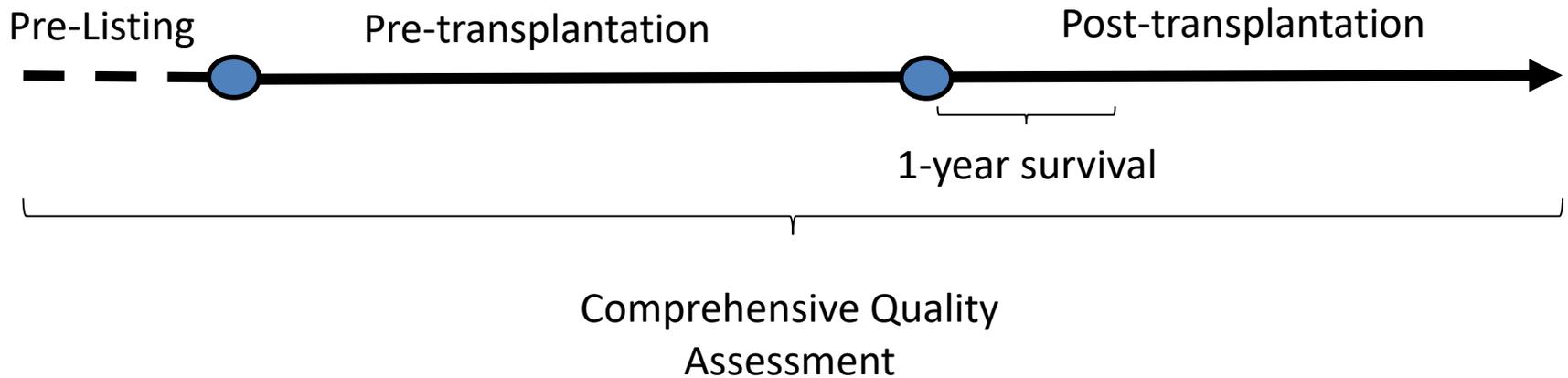
Schold JD, Am J Transplantation; 2018 (in press)

Audience Poll Question

- The current 'gold standard' for center quality is one-year graft and patient survival, would you like to see a change given the data that we currently have?
 - A. No change, its not perfect, but best we can do for now
 - B. Would like change, but need to collect more data first
 - C. Would rather have change now and then collect more data to improve later

An “Ideal quality metric” versus practical in the near term

- Better to make changes now... but other endpoints needed
 - Value of care...cost effectiveness
 - Quality of life...patient reported outcomes
 - Pre-transplant processes of care and outcomes
 - Long-term outcomes and complications

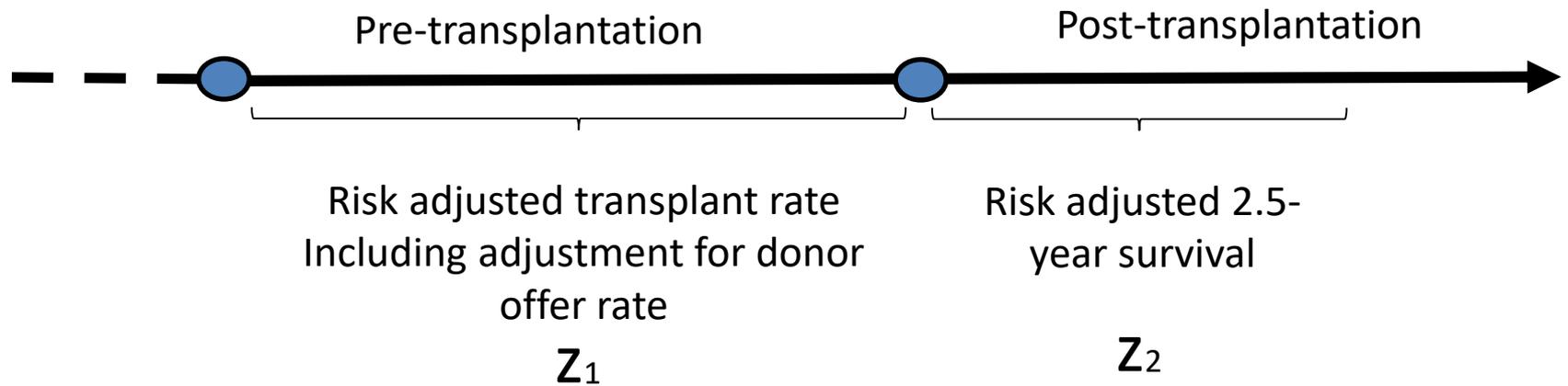


Audience Poll Question

Given that PSRs are most likely to continue indefinitely, without using 'new data' would you favor a model that evaluated the following as the main criteria for center performance

- A. *One year patient and graft survival (status quo)***
- B. *Three year patient and graft survival***
- C. *Transplant rate***
- D. *Offer acceptance rate***
- E. *Combination of post-transplant survival, transplant rate, offer acceptance rate***

A Comprehensive Evaluation of Center Performance to Improve Quality Oversight in Organ Transplantation



Center performance is weighted score of $Z_1 + Z_2$ (weighted by impact on candidate survival)

- Additional adjustment for community risk
- Post-transplant survival is a single measure (death censored graft loss and death with functioning graft)
- Final score is normalized and “flagging” determined based on probability cutoff (e.g. 2.5 %)

Conclusions

- Alterations of endpoints used to assess transplant center quality are critically needed
- Both consensus and concessions among stakeholders are needed to evolve endpoints used to evaluate center quality
- Different metrics for different audiences may be needed
- More immediate changes are preferable to delayed application awaiting for additional data that would further improve assessment