















### Perioperative RVAD support

- Caveats – LVAD surgery, 25 patients, 2 institutions
- Pre-operative RV impairment by TAPSE criteria
- Received RVAD therapy after 1 failed wean from CPB
- 3 day weaning protocol for RVAD
- Hospital survival 68% (vs 70%) of isolated LVAD recipients
- Discussion
  - Integrated ECMO oxygenation with lung protective ventilation

### Summary

- RV failure is rare but can be catastrophic
- Beware of pre-operative RV dysfunction
- Many factors are under surgeon's control
- Intraoperative TEE will help guide your decision making
- Inotropes and vasopressors each have pros and cons
  
- There is no perfect solution!