Cardiogenic shock (CS) is a common cause for admission to the cardiac intensive care unit (CICU). Severe valvular heart disease (VHD) complicates CS treatment & may impact outcomes. We sought to describe patients with CS admitted to CICUs stratified by presence of severe VHD.

METHODS

- The Critical Care Cardiology Trials Network (CCCTN) is an investigator-initiated multicenter network of tertiary CICUs in the US & Canada.
- Participating centers (n=42) contributed data from CICUs in the US & Canada.
- An investigator from the Critical Care Cardiology Trials Network (CCCTN) is lead investigator.
- Participating centers (n=42) contributed data from CICUs in the US & Canada.

RESULTS

- CS attributed to VHD ("severe VHD" selected as cause of CS), or
- CS w/ non-causative VHD (tx of severe VHD but severe VHD not selected as cause of CS), or
- CS w/o severe VHD (no current or historical severe VHD).

CONCLUSIONS

- VHD is the underlying cause in a minority of CS
- Patients with CS attributed to VHD tend to be older and more commonly have normal LV function at admission
- MCS is less commonly used in patients with CS attributed to VHD than in other groups
- Transcatheter/surgical valve procedures were performed in ~17% of CICU those w/ CS and severe VHD
- These data are limited by a lack of information describing distribution of specific valve lesions.