

CHASM-CS RCT

The Cardiac Sarcoidosis Study

Low dose prednisone and Methotrexate vs Standard dose Prednisone

Inclusion

1 or more of the following

With no other explanation:

- advanced conduction system disease (2-3° block)
- Significant sinus node dysfunction (HR<40)
- ventricular arrhythmia
- LVEF < 50%
- RVEF < 40%

PET scan w/myocardial perfusion suggestive of active CS

ONE OR BOTH OF FOLLOWING:

- Positive biopsy for Sarcoid
- CT Chest showing features consistent with pulmonary sarcoidosis and/or lymphadenopathy

Exclusion

- Tx past 2m for sarcoid (non-topical)
- Current CS tx . >5d
- Intolerance/contra-indication to Metho. or Pred
- contraindication to PET imaging /Claustrophobia
- Pregnancy/breastfeeding
- Unwilling to use HE contraception
- In another RCT

Baseline

- PET/MPI
- Echo, ECG;
- MRI (optional but strongly encouraged)
- QOL
- Physical exam, incl skin/muscle strength/neuropsych
- Labs: local and Core
- Bone Density Scan (optional but strongly encouraged)

Follow up 4,8,12 weeks

- Local labs (metho arm only)
- QOL 12w only

Follow up 6 months

- PET/MPI
- Echo, ECG;
- MRI (optional but strongly encouraged)
- Device Interrogation
- QOL
- Physical exam, incl skin/muscle strength/neuropsych
- Labs: local and Core
- Bone Density Scan (optional but strongly encouraged)