Constrictive Pericarditis

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No conflict, no off label use

Echo Diagnostic Criteria

Septal motion abnormality
MV Flow Velocity
Restrictive (E/A > 1)
Hepatic Vein Diastolic reversal with expiration
Sensitivity 87%
Specificity 91%

Welch et al Circ Imaging 2014

Echo Diagnostic Criteria of Constrictive Pericarditis: Mayo Clinic Criteria
Terrence D. Welch, Liang H. Ling, Raúl E. Espinosa, Nandan S. Anavekar, Heather J. Wine, Brian H. Lake, Barrett V. Schaff and Ja S. Oh

Hepatic Vein Diastolic reversal and Medial e' ≥ 8 cm/s

Sensitivity 87%
Specificity 91%

Welch et al Circ Imaging 2014
Diagnosing Constrictive Pericarditis

- 4 parameters
  - Ventricular septal motion abnormality
  - Mitral inflow velocity E>A
  - Mitral annulus medial e’ ≥ 8 cm/sec
  - Hepatic vein diastolic expiratory flow reversal

- Identify mimickers of constriction
  - Restrictive CM
  - Severe TR
  - Inter-ventricular dependence from other causes