

CHOP Cardiovascular Score

Scoring: Mild = 0-4, Moderate = 5-9
Moderate-severe = 10-14, Severe = 15-20

Recipient Twin		0	1	2	3
Ventricular Characteristics	Cardiac Enlargement	None	Mild	>Mild	
	Vent Hypertrophy	None	Present		
	Systolic Dysfunction	None	Mild	>Mild	
Valve Function	Tricuspid Regurgitation (TR)	None	Mild	>Mild	
	Mitral Regurgitation (MR)	None	Mild	>Mild	
Venous Doppler Characteristics	Tricuspid Valve Inflow	2 Peaks	1 Peak		
	Mitral Valve Inflow	2 Peaks	1 Peak		
	Ductus Venosus	All Forward	Decreased Atrial Contraction	Reversal	
	Umbilical Vein Pulsation	None	Present		
Great Vessel Analysis	Outflow Tracts	Pulmonary Artery (PA) > Aorta (Ao)	PA = Ao	PA < Ao	RV Outflow Obstruction
	Pulmonary Insufficiency	None	Present		
Donor Twin					
Umbilical Artery (UA) Doppler		Normal	Decreased Diastolic Flow	Absent or Reversed Diastolic Flow	

Rychik J, Tian Z, Bebbington M, et al. The twin-twin transfusion syndrome: spectrum of cardiovascular abnormality and development of a cardiovascular score to assess severity of disease. Am J Obstet Gynecol. 2007 Oct;197(4):392.e1-8.