

RECOMMENDATIONS

FOR RIGHT HEART CATHETERIZATION FOR SSC AND SCLERODERMA-SPECTRUM DISORDER

		SIGNS OR SYMPTOMS* REQUIRED FOR RHC	QUALITY OF EVIDENCE
TTE	TR velocity		
	• 2.5-2.8 m/s	Yes	High
	• > 2.8 m/s	No	High
	Right atrial (RA major dimension > 53 mm) or right ventricular enlargement (Mid cavity RV dimension > 35 mm), irrespective of TR velocity	No	High
PFTs	FVC/DLCO ratio > 1.6 and/ or DLCO < 60%**	Yes	High
	FVC/DLCO ratio >1.6 and/ or DLCO < 60% and NT-Pro BNP > 2 times upper limit of normal**	No	High
COMPOSITE MEASURE	Meets DETECT algorithm in patients with DLCO < 60% and disease duration of > 3 years	No	Moderate

Adapted from: Khanna D, Gladue H, Channick R et al, 2013¹

* Symptoms: dyspnea on rest or exercise, fatigue, pre-syncope/ syncope, chest pain, palpitations, dizziness, lightheadedness.

Signs: Loud pulmonic sound, peripheral edema

** TTE without overt systolic dysfunction, greater than grade I diastolic dysfunction or greater than mild mitral or aortic valve disease or evidence of PH (as defined in TTE section)

Reference:

1. Khanna D, Gladue H, Channick R et al. Recommendations for screening and detection of Connective-Tissue Disease associated with Pulmonary Arterial Hypertension. Arthritis Rheum. 2013 Dec;65(12):3194-201.