

FoCUS for Obstetric Settings

Echocardiography findings – Cardiologist report

1. Valve defects

Please refer to MaatHRI FoCUS qualitative assessment criteria for valvular assessments

Aortic stenosis	None	Mild	Moderate	Severe
Aortic regurgitation	None/ trace	Mild	Moderate	Severe
Mitral stenosis	None	Mild	Moderate	Severe
Mitral regurgitation	None/ trace	Mild	Moderate	Severe
Tricuspid stenosis	None		Present	
Tricuspid regurgitation	None/ trace	Mild	Moderate	Severe
Is the structure of any of the valves rheumatic?			Yes	No
If Yes, select the valve/s that are rheumatic			Aortic / Mitral Tricuspid / Pulmonary	

2. Left ventricular size and function

Please refer to MaatHRI FoCUS qualitative criteria for ventricular size and function

Enlarged				Yes	No
LVED diameter (in cm)		3.9 – 5.3	5.4 – 5.7	5.8 – 6.1	>6.1
Ejection fraction (in %)	>70	55-69	45 – 54	30 – 44	<30
OR Ejection fraction	≥45%		<45%		
Regional wall motion abnormality				Present	Absent

3. Right ventricular size and function

Please refer to MaatHRI FoCUS qualitative criteria for ventricular size and function

Enlarged/ RV basal diameter (RVD) >4.2 cm				Yes	No
Regional wall motion abnormality				Present	Absent

4. Others

Please refer to *MaathRI FoCUS qualitative criteria for atrial size and function, & other pathologies*

Pericardial effusion			Present	Absent
Regional wall motion abnormality	Yes	No	If Yes, location _____	
Mass	Yes	No	If Yes, location _____	
Left atrium enlarged			Yes	No
Right atrium enlarged			Yes	No
Tachycardia			Yes	No
Explain the detected abnormalities of the valves (example Aortic/ Mitral/ Tricuspid valve morphology)				

5. Quality of images

Please refer to *MaathRI FoCUS image quality assessment protocol*

View	Image available	Quality	Comment
Parasternal long axis 2D	Yes / No	Good / High Medium Poor / Low	
Parasternal long axis colour at MV	Yes / No	Good / High Medium Poor / Low	
Parasternal long axis colour at AV	Yes / No	Good / High Medium Poor / Low	
Parasternal short axis 2D	Yes / No	Good / High Medium Poor / Low	
Apical 4 chamber 2D	Yes / No	Good / High Medium Poor / Low	
Apical 4 chamber colour at MV	Yes / No	Good / High Medium Poor / Low	
Apical 4 chamber colour at TV	Yes / No	Good / High Medium Poor / Low	

Alsharqi, M., V. A. Ismavel, L. Arnold, S. S. Choudhury, C. Solomi V, S. Rao, T. Nath, A. Rani, I. Goel, S. D. Kakoty, P. Mahanta, I. Roy, R. Deka, C. Opondo, C. Baigent, P. Leeson and M. Nair. Focused cardiac ultrasound to guide the diagnosis of heart failure in pregnant women in India. *Journal American Society of Echocardiography*.2022; doi.org/10.1016/j.echo.2022.07.014