Figure 12.1 Care pathways and referral algorithm for pregnant women with RHD

Abbreviations: mitral regurgitation (MR); aortic regurgitation (AR); tricuspid regurgitation (TR); left ventricular (LV); pulmonary hypertension (PH); aortic stenosis (AS); mitral stenosis (MS); pulmonary arterial hypertension (PAH); mitral valve area (MVA); ejection fraction (EF).

Mild RHD: MVA > 2 cm² AND EF = 50-70% AND mitral/aortic/tricuspid regurgitation = none or mild AND no AS.

PAH: LV filling pressure <15 mmHg & pulmonary vascular resistance >3 Wood units

Significant co-morbidities include diabetes, BMI >35, chronic kidney disease, drug and/or alcohol dependency.

Risk of maternal cardiac event: according to modified World Health Organization classification of maternal cardiovascular risk adapted from Regitz-Zagrosek (2018).

Adapted with permission from Regitz-Zagrosek (2018), and Sliwa (1967)

References: