























































MHIF Cardiovascular Grand Rounds | September 23, 2024



27































SPECIAL IMAGING CONSIDERATIONS IN PREGNANT WOMEN WITH TAA

• WHO Pregnancy risk category:

- II-III (moderate): Aortic dilation < 4.5 cm in BAV, Marfan without aortopathy
- III (significant): Aortic dilation 4.0-4.5 cm in Marfan and 4.5-5.0 cm in BAV
- IV (extremely high): Aortic dilation >4.5 cm in Marfan and >5.0 cm in BAV



≤Moderate risk: Image **<u>q12w</u>** during pregnancy and 6 months postpartum

Significant or **extremely high risk**: Image **<u>q4w**</u> during pregnancy and 6 months postpartum

Imaging of choice: <u>TTE</u>. MRI without contrast can be used when needed Prophylactic repair when aorta >4.5 cm and growing rapidly (IIa)

MHIF Cardiovascular Grand Rounds | September 23, 2024



43

