

TRANSTHORACIC ECHOCARDIOGRAM

SUMMARY

- PROCEDURE INFORMATION : Technically difficult study
- LEFT ATRIUM (SEPTUM) : Moderately dilated.
- RIGHT VENTRICLE : Mildly dilated.
- LEFT VENTRICLE (SEPTUM) : Mildly dilated. Normal systolic function.
- TRICUSPID VALVE : There is a Carpentier-Edwards ring. Very mild tricuspid stenosis. Moderate valvular regurgitation.
- MITRAL VALVE : Because of acoustic shadowing, the severity of regurgitation may be underestimated. There is a St. Jude Medical mechanical prosthesis. Moderate to severe mitral stenosis. No significant regurgitation detected by color Doppler.
- AORTIC VALVE (LVOT) : There is a St. Jude Medical mechanical prosthesis. There is moderate valvular regurgitation detected by color Doppler.
- PULMONARY ARTERY : The estimated peak pulmonary artery systolic pressure is mildly increased.
- SYSTEMIC VEINS : The inferior vena cava is mildly dilated. Respirophasic inferior vena cava changes are blunted (less than 50% variation), consistent with an increase in central venous pressure.

COMPARISONS

Compared to the previous study of 11-May-2009 : Heart rate has decreased. There is a decrease in the size of the pericardial effusion.

IMPRESSIONS

The gradients across the prosthetic mitral valve are much higher than expected. Color and spectral Doppler interrogation of the aortic valve is suggestive of moderate regurgitation. If clinically indicated, a transesophageal echo is recommended to further evaluate both prosthetic valves.