

# SRINIVASA HEART CENTRE

<b>Name:</b> VIJAYA BHUKYA 28 YRS,	<b>Study Date:</b> 03/02/2021 15:59
<b>MRN:</b> 21-02-03-155942	
<b>DOB:</b>	
<b>Age:</b>	
<b>Gender:</b> Female	

<b>Cardiac</b>	
<b>Height:</b>	<b>BSA:</b>
<b>Weight:</b>	<b>BP:</b>
<b>HR:</b>	
<b>Previous Surgery:</b>	
<b>Indication:</b>	

## Interpretation Summary

### Interpretation Comments

RHD  
 MODERATE TO SEVERE MITRAL STENOSIS  
 MVA--0.9--1.1 SQ.CM.  
 MODERATE MR.MODERATE TR AND PAH.  
 NORMLA LV SYSTOLIC FUNCTION.

### MMode/2D Measurements & Calculations

<b>IVSd (MM):</b> 0.737 cm	<b>LVIDd (MM):</b> 3.51 cm	<b>FS (MM):</b> 46.8 %
<b>IVSs (MM):</b> 1.13 cm	<b>LVIDs (MM):</b> 1.87 cm	<b>EDV(Teich) (MM):</b> 51.3 ml
	<b>LVPWd (MM):</b> 0.793 cm	<b>ESV(Teich) (MM):</b> 10.7 ml
	<b>LVPWs (MM):</b> 1.13 cm	<b>EF(Teich) (MM):</b> 0.791

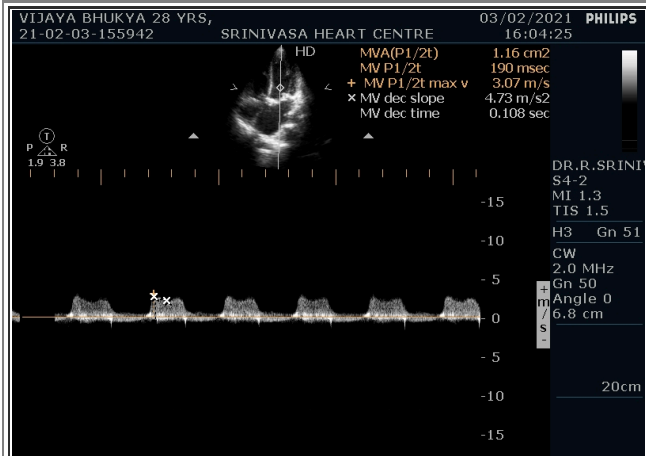
<b>EDV(Cubed) (MM):</b> 43.3 ml	<b>LVmass(C)d (MM):</b> 71.2 grams	<b>SV(Teich) (MM):</b> 40.6 ml
<b>ESV(Cubed) (MM):</b> 6.54 ml		<b>SV(Cubed) (MM):</b> 36.8 ml
<b>EF(Cubed) (MM):</b> 0.849		

<b>Ao root diam (MM):</b> 1.98 cm	<b>LA/AO (MM):</b> 1.94
<b>LA dimension (MM):</b> 3.85 cm	

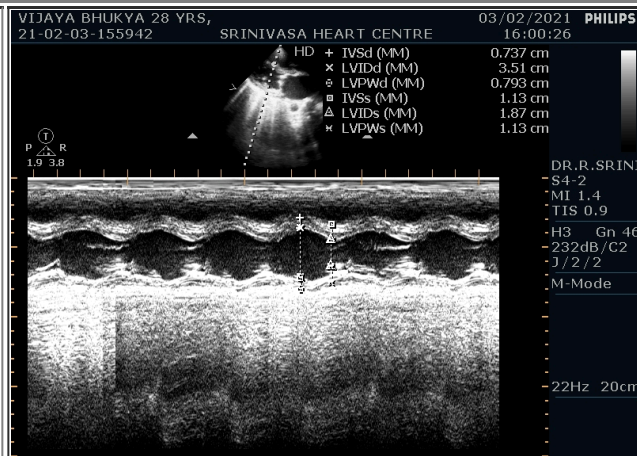
### Doppler Measurements & Calculations

<b>MV P1/2t max v:</b> 281 cm/s (Avg.)	<b>AI max vel:</b> 81.0 cm/s	<b>PA acc time:</b> 0.101 sec
<b>MV P1/2t:</b> 193 msec	<b>Max PG(AI):</b> 2.62 mmHg	
<b>MVA(P1/2t):</b> 1.14 cm2		
<b>MV dec slope:</b> 426 cm/s2 (Avg.)		
<b>MV dec time:</b> 0.108 sec (Avg.)		

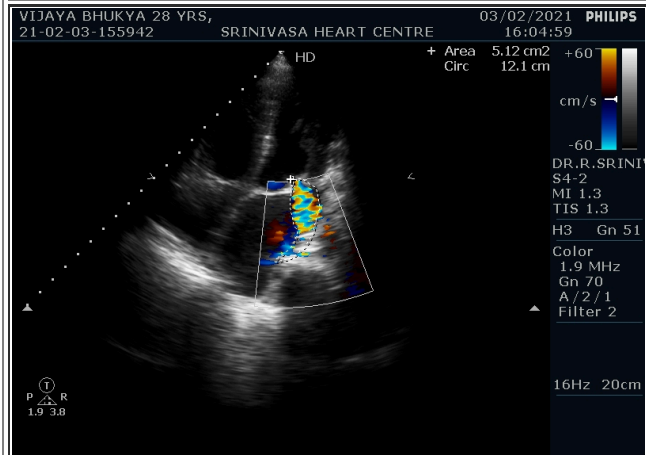
<b>PI max vel:</b> 85.2 cm/s	<b>Max vel(TR):</b> 317 cm/s	<b>RA Press:</b> 10.0 mmHg *
<b>Max PG(PI):</b> 2.90 mmHg	<b>RVSP(TR):</b> 50.2 mmHg *	



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Reading Physician: \_\_\_\_\_