

**Gunwant Child Heart Care Center, Sai-Square,
Mumbai Naka, Nashik. Ph. No. 0253-4011001.
Managed by Shrimati Sudha Health Services Pvt. Ltd.**

Name	:	Samarth Krushna Gade	
Sex	:	Male	D/O Birth: 16.09.2021
Referring Dr.	:	Dr. Amit Patil	
Indication	:	To R/O CHD	Date : 25.06.2026

Transthoracic 2D Echo-Doppler Report

Cardiac Position:

Abdominal Situs Solitus
Levocardia

Cardiac Segments:

Atrial Situs Solitus
D-Loop Ventricle
Normally related great vessels
AV concordance
VA concordance
Two patent AV Valve

Veins & Atria:

IAS shows ostium secundum atrial septal defect, 24mm x 27mm with deficient retro superior rim, & borderline AV rim.
Dilated RA
Normal LA size
Normal Systemic Venous Drainage
Normal Pulmonary Venous Drainage

Atrioventricular Canal:

Normal Mitral Valve
Normal Tricuspid valve

Conotruncus:

Normal Pulmonary Valve
Normal Aortic Valve

Ventricles:

Normal Left Ventricle
Dilated Right Ventricle
Inter Ventricular septum (IVS) intact

Great Arteries:

No evidence of coarctation of aorta, No PDA
No evidence of valvular aortic/pulmonary stenosis

Coronaries: Normal

Function: LV Function Normal RV Function Normal

Pericardium: Normal; No Pericardial Effusion

Shunts:

Atrial shunt Left to Right

No Ventricular shunt

No Ductal shunt

Hemodynamics:

Normal TV velocity

Normal MV velocity

Normal PV velocity

Normal AV velocity

No mitral regurgitation

Mild tricuspid regurgitation

No aortic regurgitation

No pulmonary regurgitation

Dimension: LVEF: 67%, FS: 36%, PV Flow acceleration: 18mmHg.

LVEDd: 32mm, LVESd: 20mm, TR Gradient: 26mmHg.

Final Interpretation:

Ostium secundum ASD, 24mm x 27mm with Left to Right shunt. With deficient retro superior rim, & borderline AV rim.

Dilated RA, RV.

Normal Biventricular function.

SPO2: 98%. Today's Wt.: 14.6kg.

ECG: Sinus Rhythm, QRS: +120, RV Dominant Forces, QTc: 441ms.

Advice: Surgical ASD Closure.



DR. LALIT GUNWANT SUDHA LAWANKAR

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Smooth lade.

