



SHAHID GANGALAL NATIONAL HEART CENTRE

Bansbari, Kathmandu
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ECHOCARDIOGRAPHY REPORT

Echo. No. :	50240	IP. No. :	
Patient's Name :	Sony Tamang	Age :	3 Yrs
Sex :	Female	Nepali Date :	2066/Falgun/24
		Printed Date :	Monday, March 08, 2010

M-Mode LV Function :

	Diastole	Systole
LVID :	2.5 cm.	1.7 cm.
IVS :	0.7 cm.	cm.
LVPW :	0.4 cm.	cm.
EF :	65.0 %	

M-Mode LA/Aorta :

LA : 2.1 cm
AO : 1.9 cm.
ACS : 1.0 cm.

Mitral Valve Study :

D-Mode Study

E-Vel :	1.1 m/s.	E Grad :	5.0 mmHg.
A-Vel :	0.60 m/s.	A Grad :	1.5 mmHg.
E/A :	>1		
AML :	Normal		
PML :	Normal		

Mitral Valve Score :

MITRAL REGURGITATION : NIL

Tricuspid Valve Study :

Morphology: Normal

Aortic Valve Study :

Aortic Cusps : Normal **D-Mode LV Ejection**

Date: ..

Time: 2066/11/25 8:43:02A Visit: 2
Address: 171.102
Name: Sony Tamang
Address: Kathmandu
Age: 27 Years
Sex: Female
Sector: Urmila Shakya, NEES, NE. (Paed)

(98505)
Handwritten note

Report

SR HR: 107bpm. RR: 18
RA ↑

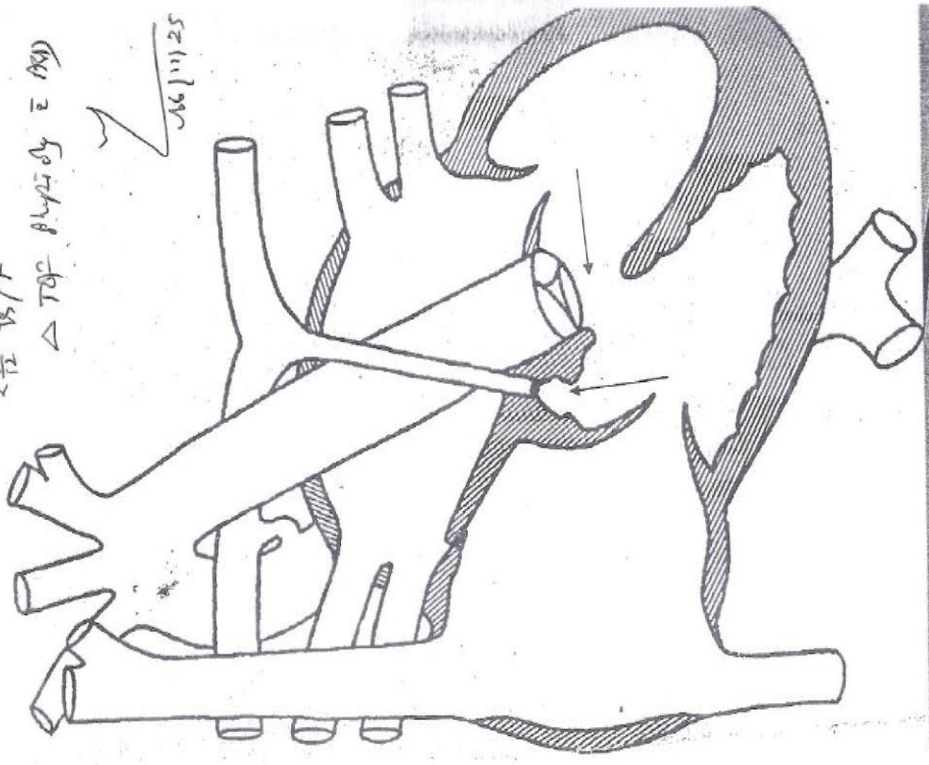
tho : VSD is severe PS (TDF Physiology) is T1y ASD.
S.S, Levocardia. Heart vessels relatively normal.

Sub Aortic VSD 8.0mm, Mod L-R Shunt.
Severe regurgitation in aortic PS
(PS = 87.0mmHg, MG = 57.0mmHg)
MPA = 0.8cm, RPA = 0.6cm, VPA = 0.5cm.

T1y High S. ASD 2.0cm, L-R Shunt.
Mildly dilated RA & RV, RHA.
Left sided Aortic Arch.

RA & LVIC (0.27cm) are 30mm gularic
AP RT (0.27cm) are 30mm gularic

Sony Tamang
27/11/25
TDF Physiology is ASD
26/11/25



Peak Vel : 1.3 m/s.
Peak Grad : 6.7 mmHg.

AORTIC REGURGITATION : NIL

Pulmonary Valve Study :

Morphology : Thickened

D-Mode Study

Peak Vel : 1.6 m/s.

Peak Grad : 87.0 mmHg.

Mean Vel : 3.4 m/s.

Mean Grad : 57.0 mmHg.

PULMONARY REGURGITATION : NIL

IAS : Deficient

IVS : Deficient

Pericardium : No effusion seen

Intracavitary mass : Not seen

Vegetation : Not seen

Wall Motion Analysis : No regional wall motion abnormalities

Other Features :

Situs Solitus, Levocardia, great vessels relation normal, Sub - aortic VSD, 8 mm in size, predominantly left to right shunt, Severe Infundibular and Valvular PS (peak gradient = 87.0 mmHg, mean gradient : 57.0 mmHg), MPA : 0.8 cm, RPA : 0.6 cm, LPA : 0.5 cm, Tiny High Secundum ASD, 2 mm, left to right shunt, Mildly dilated RA and RV, RVH, left sided aortic arch.

Final Impression :

Congenital Heart Disease : VSD with Severe PS (TOF physiology with Tiny ASD)

Cardiologist: Dr. Urmila Shakya

Signature: 