



## Echo Color Doppler Report

ID :	V-89287	DATE:	25-Jun-19
NAME	MR. TANVIR HASAN	SEX:	M
Ref. By:	NICVD	AGE:	20 Years

### Measurement 2D :

AO	27 mm	PWT	09 mm	EF	68%	AoV-Annulus	mm
LA	36 mm	LV-IDD	36 mm	RVID	mm	MV-Annulus	mm
ACS	14 mm	LV-IDS	21 mm	MPA	mm	TV - Annulus	mm
IVST	09 mm	FS	38%	LPA	mm	PV -Annulus	16 mm

### Doppler measurement :

Parameters	Velocities	Peak Gradients	Mean Gradients	Others
Mitral Valve	0.99 m/s	3.92 mm Hg	2.29 mm Hg	MVA ( $p^{1/2}$ ) cm <sup>2</sup>
Aortic Valve	1.17 m/s	5.44 mm Hg	mm Hg	E/A Ratio
Tricuspid Valve	1.00 m/s	3.98 mm Hg	mm Hg	DT
Pulmonary Valve	4.96 m/s	98.21 mm Hg	mm Hg	IVRT ms
PASP	mmHg	PADP	mm Hg	PFR

**Description:** Situs, Solitus, levocardia, two atria & two ventricles, systemic & pulmonary venous drainages are also normal. Atrioventricular & Ventriculo arterial, concordance & great arteries relationship normal but there is 40 % over riding of aorta. There is mild infundibular & severe valvular stenosis with PPG-98.21 mm Hg. MPA-18 mm, RPA-09 mm & LPA-08 mm respectively. RVOT -13 mm with PPG = 29 mm Hg.

### Chambers:

- LA : Normal. Appendage: Clear.  
LV : Chamber dimensions are within normal limit. No regional wall motion abnormalities. Good LV systolic function. LVEF= 68%.  
RA : Normal.  
RV : Cavity dimensions are within normal limit. Right ventricular hypertrophy present & fair RV systolic function. RVEF-52%. TAPSE -14 mm.

### Valves :

- MV : Normal.  
AV : Normal.  
PV : Thickened, deform with reduce excursion produce severe pulmonary stenosis with PPG-98.21 mm Hg.  
TV : Normal.

IAS : Intact.

IVS : 18 X 20 mm large malaligened perimembranous, 10 to 11 'O clock position non-restrictive VSD with bi-directional shunt.

Pericardium : No pericardial effusion.

Thrombus/Vegetation Other mass: Not seen.

ভিক্টোরিয়া হেলথকেয়ার লিঃ

কসমোপলিটান সেন্টার (২য় তলা) ২২/২ বাবর রোড, মোহাম্মদপুর, ঢাকা - ১২০৭। ফোনঃ ০২-৯১৩৬৯৭৭, মোবাইলঃ ০১৬৭৮-৬১৩০০৬-৭

