

DISCHARGE SUMMARY

PATIENT NAME: MASTER HAMZA	AGE: 2years; SEX: MALE
REGN NO: 12515747	IPD NO: 169562/23/1201
DATE OF ADMISSION: 25/09/2023	DATE OF DISCHARGE: 27/09/2023
CONSULTANTS: DR NEERAJ AWASTHY	

FINAL DIAGNOSIS:

- 3.5 mm Patent Ductus Arteriosus (left to right shunt)
- Dilated LA/LV
- Normal sinus rhythm
- Normal ventricular function
- S/P PDA device closure using 4/6 mm Amplatzer duct Occluder on 26/09/2023

INVASIVE PROCEDURE

S/P PDA device closure using 4/6 mm Amplatzer duct Occluder on 26/09/2023

RESUME OF HISTORY:

MASTER HAMZA is a 2year old male, first by birth order delivered by full term Via NVD, CIAB birth weight 4 kg. Child had history of LRTI episodes at 2 year and doctor advised Echo and Echo was suggestive of PDA. now child admitted for PDA device closure.

On examination, her pulse rate was 95/min, regular, RR 30/min. Saturation in room air 98%. There was no pallor, cyanosis, clubbing, jaundice or edema. Bilateral air entry present. Precordial examination revealed apex in left 5th ICS space lateral to MCL. S1 normal and S2 normal. Continuous murmur at left infraclavicular region present. Rest of the systemic examination was unremarkable.

WT ON ADMISSION : 9.2KG
HEIGHT ON ADMISSION : 81CM



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ECG	: Sinus rhythm, left axis deviation
CHEST X RAY	: Increased pulmonary vascularity, prominent pulmonary area

ECHO

Done on 07/06/2023 revealed normal segmental analysis. Intact IAS/IVS. Laminar inflows. Trace TR. Laminar outflows. Tricuspid aortic valve. Confluent branch PA's. Left arch, normal branching. No CoA, no SVC. 3.5mm PDA (left and right). Syst PG 94mmHg. diastolic PG 48mmHg. Normal biventricular function. RVIDd 1.13(0.67), LVIDd 3.4 (+2016), LVIDs 2.13 (+1.8), LA 1.9(+1.16), LVFS 37%.

Pre-discharge Echo:

Done on 27/09/2023 revealed PDA device in situ. No residual shunt. laminar inflows. Good flow in LPA and descending aorta. Normal LVEF. No collection.



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PDA closure device (AMPLATZER DUCT OCCLUDER)

4X6 mm

Guide Wires:	Size	Length	Configuration
Terumo	0.035	150	straight
Amplatzer extrastiff	0.035	260	Floppy

Hemodynamics :

Set Name		Basal	
Total Oxygen Consumption	160	Pulmonary Blood Flow (Qp) 5.78	
Systemic Blood Flow (Qs)	3.03	Qp/Qs 1.9	
QEP	2.56	Right to Left Shunt 0.5	
Left to Right Shunt	3.22	Pulmonary Vascular Resistance 3.6	
Systemic Vascular Resistance	19.5	Rp/Rs 0.18	

Site	Sys	Dia	Mean	Sat
DAO	102	40	67	93.6
PV				*99
MPA	39	21	31	83.6
RA			8	68.3
RV	51			
LA			10*	
SVC				64.2

Angiogram :

Aortogram done in left lateral view showed Left Arch, No Coarctation, and PDA measuring 3.5 mm at PA end filling branch PAs.

Comments :

Under fluoroscopic guidance, PDA device closure done using 4/6 mm AMPLATZER PDA device.

Post deployment aortogram (lateral view) revealed, Patent ductus arteriosus device in situ with no residual shunt and laminar flow in descending aorta and arch.

Final Diagnosis :

3.5 mm Patent Ductus Arteriosus (left to right shunt)

Dilated LA/LV

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Normal ventricular function

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MEDICATIONS

Syp zifi (100 mg /5 ml) 2.5 ml orally twice daily x 5 days 10 am - 10 pm -
Syp paracetamol (250 mg/5 ml) 2.5 ml sos if pain

SBE PROPHYLAXIS X 6 months

[Handwritten Signature]
9/3/18

SIGNATURE
(DR. DEVENDER)
(FELLOW IN PEDIATRIC CARDIOLOGY)

Signature
(DR. NEERAJ AWASTHY)
(DIRECTOR, PEDIATRIC & CONGENITAL HEART DISEASE)

Patient to be followed in cardiac clinic by Dr. Neeraj Awasthy on first appointment. Please confirm your appointment from the appointment section (Direct 011-47134921).
Tele consultation with DR. Neeraj Awasthy call customer care 011-47134500 (12:00 pm to 2:00 pm)
All appointment may be taken from the appointment section 011-47134921
Patient is advised to come for review with the discharge



Done by:

DR. NEERAJ AWASTHY
DIRECTOR
DEPARTMENT OF PEDIATRIC CARDIOLOGY



DR. TOUSEEF
FELLOW IN PEDIATRIC CARDIOLOGY



Ministry of Health and Family Welfare, Government of India