



DEPARTMENT OF PAEDIATRIC CARDIOLOGY AND CARDIAC SURGERY
DISCHARGE SUMMARY

PATIENT'S NAME : BABY BIZLA JAN UID: 7570346
AGE : 17 YEAR IPID: 22520/23/1111
GENDER : FEMALE DATE OF ADMISSION: 25.06.2023
DATE OF PROCEDURE 26.06.2023
DATE OF DISCHARGE: 17.07.2023
BED NO : 1206
ADDRESS : YARIPORN KULJUN KASHMIR
TELEPHONE NUMBER: 9596109827

PEDIATRIC CARDIOLOGIST : DR MANVINDER SINGH SACHDEV/ DR MEHAK ARORA

DIAGNOSIS:

- Complex congenital heart disease
- Post op BT shunt (2015), post op B/L BD Glenn (2018)
- Situs solitus, levocardia,
- Tricuspid atresia.
- Non restrictive ASD
- Large bulboventricular foramen
- No left AV valve regurgitation,
- Aorta from outlet chamber
- Antegrade flow in PA seen
- confluent branch PA's RPA 16mm LPA 12mm
- Patent B/L Glenn shunt,
- Normal LV function.

PROCEDURE DONE: Fontan completion under GA on 26.06.2023

CHIEF COMPLAINTS:

- Increased cyanosis and Easy fatigability

HISTORY OF PRESENT ILLNESS: Baby Bizla Jan, 17 year old female is a known case of complex congenital heart disease post BT shunt (2015) and BD Glenn (2018). She presented with complains of increased cyanosis and easy fatigability. Now she was admitted for Fontan completion.

O/E:

HR: 74/min

RR: 18/min

SpO₂: 88% at room air.

Mild cyanosis +

Clubbing +

No pallor, icterus, lymphadenopathy.

RS: Bilateral air entry equal, no added sounds

CVS: S1 normal, S2 single, ESM +

PA: Soft, no organomegaly, Bowel sounds normal

Fortis MEMORIAL
ARCH INSTITUTE
GURUGRAM

FORTIS MEMORIAL RESEARCH INSTITUTE
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PREOPERATIVE INVESTIGATION:

Parameter Name	Unit	25-06-2023
CARDIOLOGY PACKAGE 1 (SP2900-SRL)		
PLATELET COUNT	thou/ μ L	128
ABSOLUTE BASOPHIL COUNT	thou/ μ L	0.02
NEUTROPHIL LYMPHOCYTE RATIO		2.1
ABSOLUTE LYMPHOCYTE COUNT	thou/ μ L	1.13
ABSOLUTE MONOCYTE COUNT	thou/ μ L	0.35
ABSOLUTE EOSINOPHIL COUNT	thou/ μ L	0.04
MENTZER INDEX		15.1
MEAN PLATELET VOLUME	fL	11.4
NEUTROPHILS	%	61
LYMPHOCYTES	%	29
MONOCYTES	%	9
EOSINOPHILS	%	1
BASOPHILS	%	1
ABSOLUTE NEUTROPHIL COUNT	thou/ μ L	2.37
RED BLOOD CELL COUNT	mil/ μ L	5.56
WHITE BLOOD CELL COUNT	thou/ μ L	3.89
HEMATOCRIT	%	46.6
MEAN CORPUSCULAR VOLUME	fL	83.8
MEAN CORPUSCULAR HEMOGLOBIN	pg	26.8
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION	g/dL	32.0
RED CELL DISTRIBUTION WIDTH	%	16.9
HEMOGLOBIN	g/dL	14.9
ABO GROUP		TYPE O
RH TYPE		NEGATIVE
CHLORIDE	mmol/L	107
GLUCOSE RANDOM, PLASMA	mg/dL	87
SODIUM	mmol/L	138
POTASSIUM	mmol/L	5.23
BLOOD UREA NITROGEN	mg/dL	6
CREATININE	mg/dL	0.58
HEPATITIS C ANTIBODIES		NON REACTIVE
PATIENT VALUE	S/CO	0.56



A unit of FORTIS HOSPITALS LIMITED

Regd. Office: Escorts Heart Institute and Research Centre, Okhla Road, New Delhi-110 025 (India)
Tel: +91-11-2682 5000, Fax: +91-11-4162 8435, CIN: U93000DL2009PLC222166

PAN No. AABCE770N

Page 2 of 7

Parameter Name	Unit	25-06-2023
HEPATITIS B SURFACE ANTIGEN		NON REACTIVE
HIV 4TH GEN ASSAY (P24AG + HIV AB)		NON REACTIVE
APTT CONTROL	SECONDS	30.5
PROTHROMBIN TIME (PT)	SECONDS	13.4
INTERNATIONAL NORMALIZED RATIO (INR)	RATIO	1.20
MEAN NORMAL PT	SECONDS	11.2
APTT	SECONDS	30.2
LIVER FUNCTION TEST (6116-SRL)		
BILIRUBIN, TOTAL	mg/dL	0.64
BILIRUBIN, DIRECT	mg/dL	<0.08
ALKALINE PHOSPHATASE	U/L	81
TOTAL PROTEIN	g/dL	6.5
ALBUMIN	g/dL	3.9
GLOBULIN	g/dL	2.6
ALBUMIN/GLOBULIN RATIO	RATIO	1.5
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	U/L	34
ALANINE AMINOTRANSFERASE (ALT/SGPT)	U/L	14
GAMMA GLUTAMYL TRANSFERASE (GGT)	U/L	7
C-REACTIVE PROTEIN, SERUM (1535D-SRL)		
C-REACTIVE PROTEIN	mg/L	30.0

Chest X-ray (25.06.2023)

- Rotation + Status post sternotomy with sternal sutures in situ. Bronchovascular markings are prominent bilaterally. Cardia appears prominent. Bilateral costophrenic angles are clear. Trachea is central. Bilateral hemi-diaphragms appear normal. Visualized thoracic ribs appear normal.

2D ECHO (23.06.2023) :

- Situs solitus, levocardia, tricuspid atresia.
- Non restrictive ASD
- Large bulboventricular foramen
- No left AV valve regurgitation, aorta from outlet chamber
- Antegrade flow in PA seen
- confluent branch PA's RPA 16mm LPA 12mm
- Patent B/l Glenn shunt, normal LV function.



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PAN: RGG3317D

COURSE IN HOSPITAL: Baby Bizla Jan, 17 year old female, underwent Fontan completion under GA on 26.06.2023. She was shifted to ICU6 with stable hemodynamics. The child was ventilated with adequate analgesia for 18 hrs and extubated on to oxygen by mask on 1 POD. Inotropes were given in the form of epinephrine (0-1POD) dobutamine (0-2nd POD) for optimizing cardiac output. She had deranged renal and liver function which was managed conservatively. She developed bilateral pleural effusions, pedal edema and genital edema and was given albumin and diuretic infusions over the next few days. Bilateral chest tube insertion was done by interventional radiology team on POD 6. Renal function improved gradually and was within normal range by POD 7 and she was started on low dose ACE inhibitors and pulmonary vasodilator. She was started on acitrom for antithrombotic effect. Oxygen support was gradually weaned and stopped by POD 10. She received blood transfusion in view of low hematocrit. She was shifted to room on POD 11 and remained stable. High protein diet was continued and peripheral edema gradually reduced. Right Pleural drain was upsized on POD 13 in view of blocked tube and continued drainage. Left pleural tube was removed by POD 15 once drain output was minimal. Pacing wires were removed on day 19. Plan for right side pleurodesis was discussed with the family in view of persistent drainage from right pleural tube but parents were not willing for the same. She is now being discharged on request in stable condition with right pleural tube in situ on parents request, with advice to follow up in OPD for drain measurement. She has developed some wound infection at the upper sternal wound site which has been dressed and oral antibiotics started for the same. The parents have been advised to come for wound dressing on alternate days.

POSTOPERATIVE INVESTIGATION:

Parameter Name	Unit	27-06-2023
NEPHROLOGY PACKAGE - 1 (SRL-10055)		
PHOSPHORUS	mg/dL	3.5
CREATININE	mg/dL	1.13
AGE	years	17
GLOMERULAR FILTRATION RATE (FEMALE)		63
CALCIUM	mg/dL	10.2
CHLORIDE	mmol/L	113
GLOBULIN	g/dL	1
ALBUMIN/GLOBULIN RATIO	RATIO	3.1
BLOOD UREA NITROGEN	mg/dL	13
URIC ACID	mg/dL	6.9
SODIUM	mmol/L	152
POTASSIUM	mmol/L	3.61
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	U/L	149
ALANINE AMINOTRANSFERASE (ALT/SGPT)	U/L	24
GAMMA GLUTAMYL TRANSFERASE (GGT)	U/L	11
BILIRUBIN, TOTAL	mg/dL	3.55
BILIRUBIN, DIRECT	mg/dL	1.59
ALKALINE PHOSPHATASE	U/L	34
TOTAL PROTEIN	g/dL	4.1
ALBUMIN	g/dL	3.55
PLATELET COUNT	thou/ μ L	140



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PAN: AAEC4517N

Parameter Name	Unit	27-06-2023
ABSOLUTE BASOPHIL COUNT	thou/ μ L	0.01
NEUTROPHIL LYMPHOCYTE RATIO		6.4
NUCLEATED RBCS	/100 WBCS	0
RED BLOOD CELL COUNT	mil/ μ L	4.55
WHITE BLOOD CELL COUNT	thou/ μ L	12.04
HEMATOCRIT	%	39.3
MEAN CORPUSCULAR VOLUME	fL	86.4
MEAN CORPUSCULAR HEMOGLOBIN	pg	27.9
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION	g/dL	32.3
RED CELL DISTRIBUTION WIDTH	%	17.0
MENTZER INDEX		19.0
MEAN PLATELET VOLUME	fL	10.7
NEUTROPHILS	%	84
LYMPHOCYTES	%	13
MONOCYTES	%	3
EOSINOPHILS	%	0
BASOPHILS	%	0
ABSOLUTE NEUTROPHIL COUNT	thou/ μ L	10.10
ABSOLUTE LYMPHOCYTE COUNT	thou/ μ L	1.59
ABSOLUTE MONOCYTE COUNT	thou/ μ L	0.34
ABSOLUTE EOSINOPHIL COUNT	thou/ μ L	0.00
HEMOGLOBIN	g/dL	12.7
ACT PARTIAL THROMBO PLASTIN TIME (APTT), PLASMA (3895-SRL)		
APTT CONTROL	SECONDS	30.5
APTT	SECONDS	45.7
PROTHROMBIN TIME, PLASMA (3892-SRL)		
PROTHROMBIN TIME (PT)	SECONDS	23.1
INTERNATIONAL NORMALIZED RATIO (INR)	RATIO	2.06
MEAN NORMAL PT	SECONDS	11.2

X-RAY CHEST 27.07.2023:

- Interval placement of ET tube and mediastinal drainage tubes noted. No other significant interval changes seen as compared to previous x-ray dated 25-06-2023 after allowing for differences in technique and positioning.

POST OP 2D ECHO :

Well functioning Fontan pathway, mild left AV valve regurg, antegrade flow in PA +, LVEF 50-55%, no pericardial effusion



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PAN Rago509778N

CONDITION ON DISCHARGE:

Hemodynamically stable.
 Conscious, afebrile, oriented.
 HR 104/min
 RR 20/min
 BP: 107/60 mmHg
 SpO2: 96% at room air.

MEDICATION ON DISCHARGE:

DRUG	DOSE	ROUTE	FREQUENCY	DURATION
Tab LINEZOLID	400MG	ORALLY	TWICE A DAY	7 DAYS
Cap A TO Z	1 CAP	ORALLY	ONCE A DAY	1 MONTH
TAB ENVAS (2.5MG)	1 TAB (2.5MG)	ORALLY	TWICE A DAY	UNTIL REVIEW
TAB LASIX	25 MG	ORALLY	THREE A DAY	UNTIL REVIEW
TAB ECOSPERIN	75 MG	ORALLY	ONCE A DAY	UNTIL REVIEW
TAB GENAPIL	25 MG	ORALLY	TWICE A DAY	UNTIL REVIEW
TAB END	40 MG	ORALLY	ONCE A DAY	7 DAYS
TAB ACTELON	1 MG/0.5 MG ALTERNATE DAYS	ORALLY	ONCE A DAY	UNTIL REVIEW
TAB SHELICAL	500MG	ORALLY	ONCE A DAY	1 MONTH

ADVICE:

FOLLOW MEDICATIONS.
 HIGH PROTEIN DIET.
 FLUID RESTRICTION TO 1.25L/DAY

COME FOR REVIEW ON 19/07/2023 IN OPD.

IN CASE OF EMERGENCY PLEASE CONTACT TO FMPL.

DIRECTOR AND HEAD
PEDIATRIC CARDIOLOGY
DR MANVINDER SINGH SACHDEV

ATTENDING CONSULTANT
PEDIATRIC CARDIOLOGY
DR. MEHLAK ARORA

DR. BALRAM AIRAN
PEDIATRIC CARDIAC SURGEON

DR. SUBEETA BAZAZ

PEDIATRIC CARDIAC INTENSIVIST FORTIS HOSPITALS LIMITED

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PAN: RAAG160778N



OPERATION NOTES

PATIENT'S NAME : BABY BIZLA JAN **UID: 7570346**
AGE : 17 YEAR **IPID: 22520/23/1111**
GENDER : FEMALE **DATE OF ADMISSION: 25.06.2023**
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BED NO : 1206
ADDRESS : YARIPORN KULJUN KASHMIR
TELEPHONE NUMBER: 9596109827

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- Aorta from outlet chamber
- Antegrade flow in PA seen, confluent branch PA's RPA 16mm LPA 12mm
- Patent B/L Glenn shunt,
- Normal LV function.

PROCEDURE DONE: Fontan completion under GA on 26.06.2023

FINDINGS:

- Redo sternotomy
- dissection done
- Very very fragile tissues
- CPB instilled
- RA- IVC harvested
- # 20 mm supra graft interposed between IVC & PA
- RA sutured back
- heart was very irritable
- Lots of bleeding present
- After completion
- Protamine given once hemodynamics stabilised
- pleural adhesion ++

PEDIATRIC CARDIAC SURGEON
DR. BALRAM AIRAN



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TAX INVOICE

INPATIENT SUMMARY BILL

GST No. : 06AABCF3718N2ZH

CIN No. : U93000DL2009PLC222166



Pateint Name :	Baby Bizla Jan	Bill No :	111123IPCS030074
UHID :	7570346	Bill Date :	17-Jul-2023 7:25 PM
EpisodeNo :	151148/23/1111	Admitted on :	25-Jun-2023 10:18 AM
Age/Sex :	17 YEAR(S)/Female	Discharged On :	17-Jul-2023 7:29 PM
Phone No. :	9596109827	Department :	PAEDIATRIC CARDIOLOGY
Address :	YARIPORN KULJUN KASHMIR Ananthnag JAMMU	Treating Doctor :	Dr.Manvinder Singh Sachdev
Claim No. :		Place of Supply :	Haryana

Customer Details

Customer Category :	Cash	Insurance/Corp :	NA
Customer Name :	NA	Customer Site :	NA
Customer Address :		TPA Name :	
GSTIN :	NOTA114567E		

S.No	Particulars	HSN/SAC	Gross Amount	Discount	Net Amount		
					Contractual	Discretionary	Non-Taxable
1	CONSULTATION	999311	54,700.00	0.00	1,679.29	0.00	54,700.00
2	BLOOD COMPONENT	999311	33,660.00	0.00	1,033.39	0.00	33,660.00
3	INVESTIGATION	999311	18,538.00	0.00	569.13	0.00	18,538.00
4	CONSUMABLE	999311	23,442.75	0.00	719.71	0.00	23,442.75
5	DRUG	999311	34,885.91	0.00	1,071.00	0.00	34,885.91
6	ROOM RENT	999311	77,932.16	0.00	2,302.50	58,643.20	0.00
7	EQUIPMENT	999311	300.00	0.00	9.21	0.00	300.00
8	BED SIDE PROCEDURE	999311	96,800.00	0.00	2,971.78	0.00	96,800.00
9	OTHER PROCEDURE	999311	28,600.00	0.00	878.31	0.00	28,600.00
10	PHYSIOTHERAPY	999311	16,430.00	0.00	504.31	0.00	16,430.00
11	PACKAGE	999311	270,275.00	0.00	8,261.37	5,500.00	0.00
			655,563.82	0.00	20,000.00	64,143.20	307,356.66

BILL AMOUNT :

635,564.00

TAX SUMMARY	TAXABLE AMT	CGST(%)	CGST AMT	SGST(%)	SGST AMT	Tax
ROOM RENT	58,643.20	5.00	1,466.08	5.00	1,466.08	2,932.16
PACKAGE	5,500.00	5.00	137.50	5.00	137.50	275.00
Total Tax	64,143.20	5.00	1,603.58	5.00	1,603.58	3,207.16

NET BILL AMOUNT		635,564.00
PATIENT SHARE	Patient Amount	632,356.66
	Tax Amount	3,207.16
DEPOSIT BY PATIENT		835,564.00
NET PAYABLE AMOUNT		(0.18)

TAX INVOICE

INPATIENT SUMMARY BILL

GST No. : 06AABCF3718N2ZH

Patient Name: Baby Brijendra

CIN No. : U93000DL2009PLC222166

UHID/Episode No.:

Closed By : Chetan .

Discharge By : Chetan .

Patient/Attendant's Sign :

Print Date : 25-Jul-2023 2:31 PM

Name :

Relation :

Phone No :

(Note: All original payment receipts required for Final Bill Clearance.)