



हृदय वक्ष एवं तंत्रिका विज्ञान केन्द्र
CARDIO-THORACIC & NEURO-SCIENCES CENTRE
अखिल भारतीय आयुर्विज्ञान संस्थान, नई दिल्ली-110029
All India Institute of Medical Sciences, New Delhi-110029

एम.आर.9
M.R.-9

परामर्श अभिलेख / CONSULTATION RECORD

नाम Name	Aiyannan. Kawat	आयु Age	3 yr	लिंग Sex	M	वैवाहिक स्थिति Marital Status	यू.एच.आई.डी.नं. UHID No.
सेवा Service		वार्ड Ward	CT6	विस्तार Bed	13	व्यवसाय Occupation	धर्म Religion
							स्थिति Status

Referred by Dr.

~~Paediatric~~
Cardiology

to Dr.

ENT

Requesting Doctor

Consultant & Specialty

Finding :

Date : 01/01/2024.

Respected sir/madam,

Diagnosis or Impression :

Here is a patient, ~~ACHD~~ (VSD) ^{DORV}
e disproportionately low SpO_2 while sleeping
h/o snoring & upper airway issues.
Please examine & give your valuable
opinion

Thanking you
[Signature]

Recommendations:

Always Grade II ⊕

03/01/23. C/R ENT MORT
for -



B/L ROT;

TRE, FVC - normal

• R/L PPS - no pooling

R/L azygos vein

No abnormality detected

Consultant's Signature (S/S/O)

UFA

Adv

7. Lungs OK. 100% - 2

Homeostasis N/S post 100% - 1 month.

[Signature]

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एम. आर.-5 डॉक्टर आर्डर
M.R. - 5 Doctors Orders

अ.मा.आ.सं. नई दिल्ली-110029 / AIIMS, New Delhi - 110029

Cancel all orders by crossing through and intalling Rewrites all orders when turning over and after major operations.
Sister should sign in the column provided when the order is transferred to the treatment books.

नाम Name **ARYWAN RAJAT** उम्र Age **3y/M** लिंग Sex **:** वैवाहिक स्थिति Marital Status **:** यू. एच.आई. डी. नं. UHID No. **:**

सेवा / Service **CTH 13** वार्ड / Ward **CTH 13** बेड / Bed **CTH 13** व्यवसाय / Occupation **CTH 13** धर्म / Religion **CTH 13**

Date Order	Date Cancellation	Doctor's orders with signature	The sister's signature with date
<u>01/02/24</u>	<u>Issues</u>	<u>DORV / VSD / small P A</u> 1) cough → dry in nature → more during evening } x 2 days → sneezing + → No rhinorrhoea No other fresh issues No fever x 3 hrs No loose stool had episodes of snoring & an. desaturation 2 days back ↓ Peds Pulmo opinion ? <u>CROUP</u>	Inj Augmentin (D3) CXR 31/12/23 - overexposed film - rotated ? pericardiac area infiltrate ↑ Bp Advised - buccent ADR reb X If lateral neck ENT Rly.

दिनांक
Date

4/12/23

10/12/23

① syp. Enalapril 1ml BD

② syp. vit cefal 2.5ml OD

Geo
Anand

JAN LAKSHYA TRUST

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एम. आर.-3 जनरल हिस्टरी
 M.R. - 3 General History

NAME
 ARYAN
 RAWAT

उम्र
 Age 3y / M

सर्विस
 Service

दिनांक
 Date

यू. एच.आई. डी. नं.
 UHID No.

प्रोफेसर इंचार्ज
 Professor I/C

Notes written by

CLINICAL NOTES

DORV/VSD/small PA

Inj Augmentin Dy

I = 750 ml

O = passed 7 times

Issues

- 1) cough - dry
 - mouth breathing
 - same as yesterday
 (minimal improvement)
 Post ADR + Budenosa Neb

- (Xr →
 (11/11/24) →
- No infiltrates
 - ~~CT~~ a situs solitus (levocardia)
 - CT Ratio > 0.5
 - ↑ BP

No fresh issues

Afebrile for 56 hours.

Possibilities

- a) Adenoid hypertrophy → (STN) x ray grade ? III ANR = 50-70
 → 1 month breathing

b)

Apview → Narrowing of upper airway
 ? croup
 ? Anatomical narrow

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अखिल भारतीय आयुर्विज्ञान संस्थान

A.I.I.M.S. Hospital

नाम

Name Anurag

एक्स-रे नम्बर

तिथि

X-Ray No.

Date

हस्पताल यू.एन.आई.डी. नं. 106985995

वार्ड/ओ.पी.डी.

Hosp. UHID No.

Indoor/Outdoor

Examination Required

चिकित्सक की जांच रिपोर्ट :

Clinical Information :

एक्सरे-फार्म

X-RAY REQUISITION FORM

आयु

लिंग

आय

Age

Sex

Income

चिकित्सक विभाग

Referring Unit

रोगी स्थिति

Ambulatory/Non

X Ray Soft tissue
AP Lateral

किसी दवा का बुरा प्रभाव

Any History of Allergy

अन्तिम माहवारी तिथि

LMP

कोई पुराने एक्स-रे

Any Previous X-Rays

चिकित्सक के हस्ताक्षर

SIGNATURE OF MEDICAL OFFICER

रेडियोग्राफर के लिए

FOR RADIOGRAPHERS USE

पहचान चिन्ह Identification Mark
अंगूठा निशान Thumb Impression

कमरा नं. Room No.	फिल्म साइज Size & No. of Films	के.वी. एम.ए.एस. KV MAS
हस्ताक्षर / Signature		

रिपोर्ट
REPORT

एक्स रे-चिकित्सक
RADIOLOGIST

Rate 159 ----- Pediatric ECG interpretation -----
PR 112 . Sinus tachycardia.....rate>137
QRS 107 . Consider left atrial enlargement.....wide or notched P waves
QT 262 . Right bundle branch block QRS>105, RSR' or pure R or QR
QTc 427 . Artifact in lead(s) III,V4 and baseline wander in lead(s) V2,V4,V5,V6

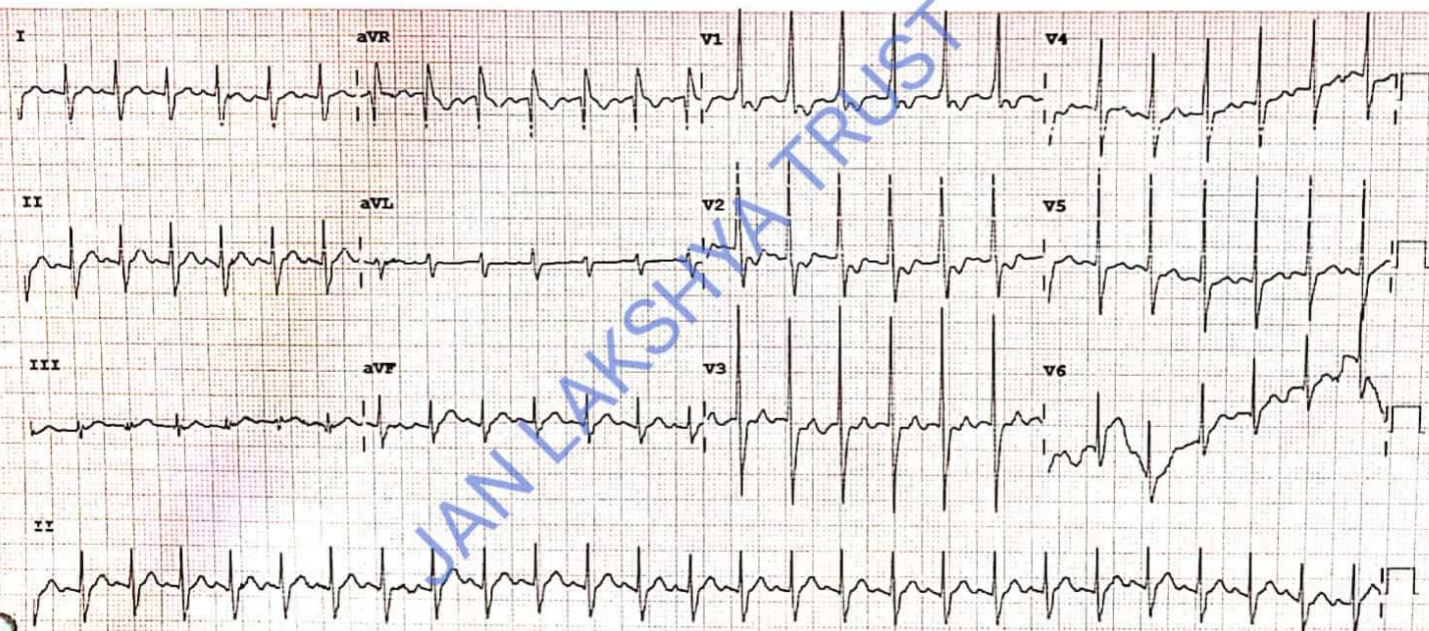
--AXIS--

P 46
QRS 74
T 61

- ABNORMAL ECG -

12 Lead; Standard Placement

Unconfirmed Diagnosis



Device:

Speed: 25 mm/sec

Time: 5 mm/mV

Gain: 5.0 mm/mV

F 50-15-100 Hz

1005 CL

PT

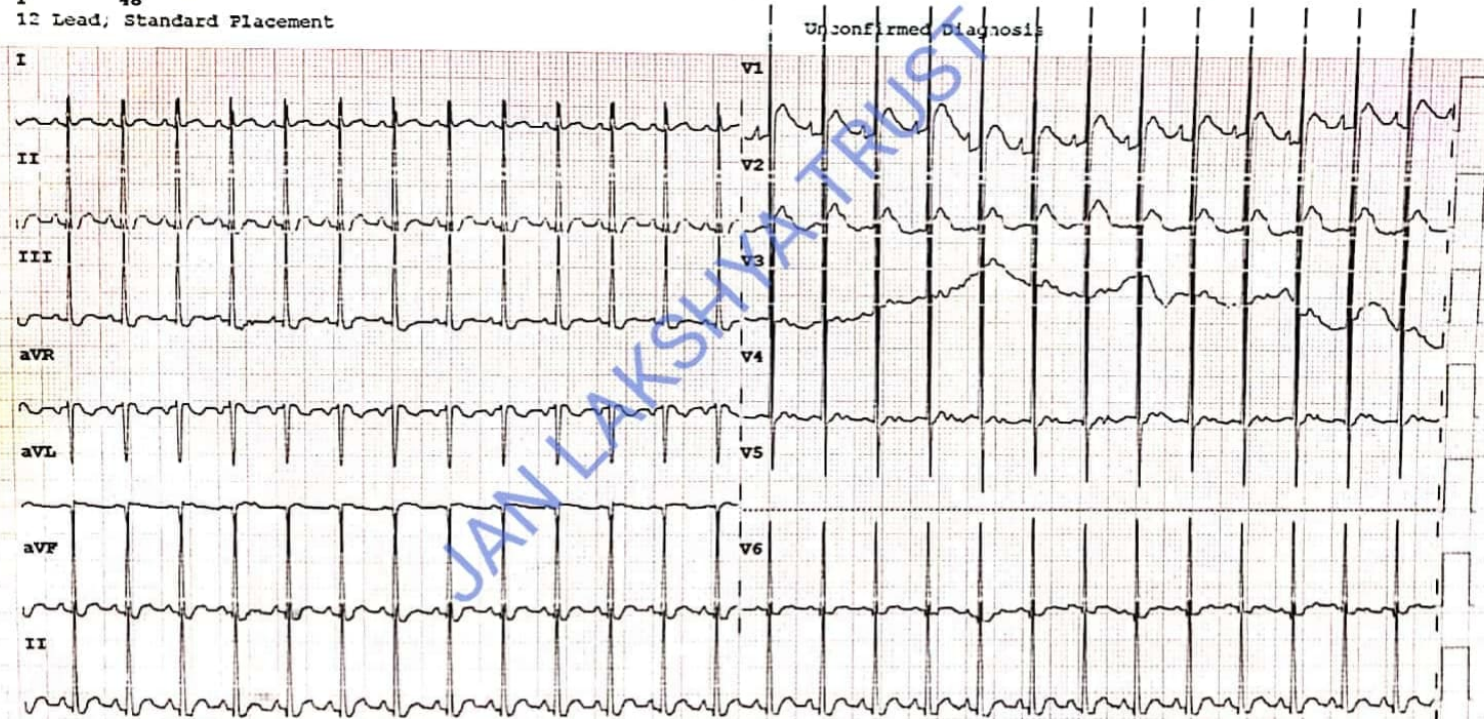
Rate 161 ----- Pediatric ECG interpretation -----
 PR 88 . Incomplete analysis due to missing data in precordial lead(s)
 QRSN 66 . Sinus tachycardia.....rate>151
 QT 231 . Right atrial enlargement P>0.25mV 2 lds Q<-0.24mV aVR/aVL.
 QTc 378 . RVH, consider associated LVH.....RVH & Q<-0.07mV, R >1 mV V6
 . Baseline wander in lead(s) V1,V3
 . Missing lead(s): V5

--AXIS--

P 48
QRS 72
T 48

- ABNORMAL ECG -

12 Lead, Standard Placement



Echocardiography report (continued....2)

Measurements

Aorta
LV es
IVS ed
RV ed
EF
IVS MOTION
IAS

Normal Values

(21-22mm/m²)
(16-19mm/m²)
(06-10mm)
(4-14mm/m²)
(62-80%)
Normal/Flat/Paradoxical

LA es

LV ed

PW(LV)ed

RV Anterior Wall

Normal Values

(21-22mm/m²)
(19-32mm/m²)
(07-11mm)
(upto 5mm)

CHAMBERS

LV

Normal/Enlarged/Clear/Thrombus/Hypertrophy
Contraction

LA

Normal/Enlarged/Clear/Thrombus

RA

Normal/Enlarged/Clear/Thrombus

RV

Normal/Enlarged/Clear/Thrombus

PERICARDIUM

Normal/Thickened/Calcification/Effusion

REMARKS

Rotus sibilus, low grade, AV concordant, (x better with
DORV., Subaortic VSD with restriction flow from LV to RV
malposed great arteries, Both aorta & PA. side by side
Sub pulmonary Conus ⊕, no valvular/subvalvular PS.
concurrent PMS ⊕.

DIAGNOSIS

Small (~2mm) PDA ⊕.

⊕ aortic aorta, no COA., no PE/vegetation
abundant RV/LV junction.

Final Impression

CCHD - DORV, Subaortic VSD, malposed great arteries.
(restrictive).
Small PDA,

Resident

Consultant

DORV, large septal
wall extending in
subpulmonary
region

NRGA

LVND ⊕.

⊕ LV & RV junction

small PDA

⊕ aorta, no COA.

cleaned for surgical
no closure

combined echo
with CT scan

side by side

Cardiothoracic & Neurosciences Centre, O.P.D.
A.I.I.M.S., New Delhi-110029

दिनांक/Date

106985995

विभाग
Deptt.

2

नाम
Name

Agyan
Kawat

उम्र
Age 3

यू०एच०आई०डी०सं०
UHID No.

पुत्र/पुत्री/पत्नी
S/D/W

लिंग
Sex 17

23389/23

निदान

Diagnosis

Acute / Pap / Per / Large vsd

Small PPA / LVO / @ Admission

ECG @ MDM @. ECG CM @ Pap.

ECG: NSR, @ @ @ - B/L, no @ waves

Cath - 16/Nov/2022. band 02

Mean PAP - 92 @ → 81

PCWP - 22.4 → 10.5

@ / @ - 0.9 → 1.7-6

considering suppurative issue patient
was treated & oral antibiotics

no way symptomatic.

chest clear.

Plan: Redo Cath

Cath selection

Fall C 4pm
27/12/2024

Primary beneficiary

[Signature]

P 18 (28)
4/12/23
CB and
Dr. Rakesh
[Signature]

NURSE DAILY RECORD

ALL INJECTIONS TO BE INITIALED BY PERSON ADMINISTERING

Date & Time	Medication & Treatment	Diet	Observation by the Nurse
	<u>CROUP</u> Case observed in Mr. Kanaram J ① Budecort 4 Respirator - Start nebulizer ② Adrenaline nebulizer 1ml + 3ml NS ③ Paracetamol 500mg ④ If no response Repeat Adrenaline ⑤ Chest X-Ray Neck (anterior) ⑥ ENT review for adenoid		 Dr. S. Prakash



Arywan, UHID: 106985995, Date: 28-12-2023,
Age: 34 years, Gender: Male, ID2: CV no - 23389/23, AC No- 4799/23, Lab 1,
Height: 173 cm, Wt: 88 kg, BSA: 0.53 sq.m

Pre-cath diagnosis: ACHD /Inc Qp- DORV / Large S/A VSD extending well into subpulmonic region/ Small PDA / LVVO+ / Normal BV function / NSR

P-cath - November 2022 -

Basal Ao- 82%, MPAP -92, PVR1 - 22.4, Qp/Qs -0.9

On O2 - Ao- 96%, MPAP - 81, PVR1 -10.5, Qp/Qs - 1.76- Cath data - Incongruent with clinical finding suggestive of operability. Had ? LRTI with oxygen dependence and significant post sedation desaturation.

Catheter course: 5FRFV - IVC > RA > SVC > RA > RV > PA ; 5F RFA - FA > DTA > Asc Ao

Procedure details: Procedure was done under minimal conscious sedation. There was immediate desaturation post sedation. Through a 5F RFV access a 5F coumarin catheter was advanced into the IVC > RA > RV > SVC > RA > RV > PA. Samples and pressures were taken. Wedge pressure was tried but catheter could not be wedged properly. Then through a 5F RFA access, A 5F pigtail catheter was advanced into the FA > DTA > Asc Ao. Samples were taken and pressures noted. Then oxygen was started at 15L/min for 15 minutes and process was repeated. Once again oxygen was removed and room air samples were taken to negate the effects of sedation as much as possible. There were no periprocedural indications.

First set comments, HR: 120

Sat% pO2 a/sys v/dia Mean	Indexed
SVC: 68 37	Qp: 5.2
RA: 58 32	Qs: 4.8
RV: 63 120 14	Qp/Qs: 1.1
PA: 75 41 109 53 81	TPR: 15.4
PAW:	PVR: 13.0
PV: 93 80	SVR: 16.6
LA: 13	PVR/SVR: 0.78
LV: 112 13	L to R: 1.4
AO: 88 56 114 64 88	R to L: 1.0
FA: 88 56 132 64 93	Qep: 3.8

Mitral MG MVAi Aortic MG AoVAi VO2i
Value: 171

PO2 used.

Second set comments, HR: 120, post oxygen

Sat% pO2 a/sys v/dia Mean	Indexed
SVC: 79 47	Qp: 9.5
RA: 8	Qs: 4.7
RV: 8	Qp/Qs: 2.0
PA: 92 68 117 40 75	TPR: 7.9
PAW:	PVR: 6.5
PV: 99 250	SVR: 18.4
LA: 13	PVR/SVR: 0.36
LV: 112 13	L to R: 5.4
AO: 99 86 119 75 95	R to L: 0.6
FA: 4.1	Qep: 4.1

Mitral MG MVAi Aortic MG AoVAi VO2i
Value: 171

PO2 used.

Remarks: PV saturation assumed - As there was immediate post procedure desaturation and snoring - PV saturation was assumed lower to indicate that desaturation is contributed significantly by pulmonary causes in addition to underlying cardiac disease.
LVEDP = mLAP assumed

Angio report: Done in previous Cath study -

LV Angio - Large subaortic VSD, No additional VSD, No AVVR, Normal ventricular function
Aortic root angio - No AR, Normal coronary origins, Small PDA, No CoA/APW

Postcath diagnosis: ACHD /Inc Qp- DORV / Large S/A VSD extending well into subpulmonic region/ Small PDA / LVVO+ / Normal BV function / NSR

P/Cath - Basal - Ao- 88%, Pulmonary vein - 93%, Qp/Qs - 1.1, PVR1 - 13.0, PVR1 /SVR - 0.78, PAP- 109/53/81

On Oxygen - Qp/Qs - 2, Ao-99%, PVR1 - 6.5, PVR /SVR - 0.36, PAP - 117/40 /75

Management plan: Pulmonary and ENT evaluation for respiratory /upper airway disease followed by VSD patch closure routing LV to Aorta with post operative pulmonary vasodilators.

Resident: Dr. Suad, Consultant: Dr. Saurabh Gupta 01/01/24

Department of Cardiology
All India Institute of Medical Sciences
New Delhi

106925395

Name Anywan

Age/Sex 3yrs/male

Bed No

Cr/CV

Diagnosis

Date	<u>30/11/23</u>								
Hb	<u>11.0</u>								
TLC	<u>2510</u>								
DIC	<u>12180</u>								
ESR									
P/S	<u>mt</u> <u>2.8xL</u>								
-Sugar									
-Urea	<u>20.5</u>								
Creatinine	<u>0.3</u>								
Sodium	<u>138</u>								
Potassium	<u>3.8</u>								
Uric acid									
cholesterol	<u>ca/may</u> <u>8.81</u>								
LDL	<u>B51C7/CP7</u> <u>0.7</u>								
HDL	<u>A85/A86/1Ap</u> <u>41/24/165</u>								
VLDL	<u>TP/ATG</u> <u>13.8</u>								
TG									
CPK	<u>CP</u> <u>4.9</u>								
LDH	<u>PLT</u>								

MISCELL

URINE

हृदय-वक्ष एवं तंत्रिका केन्द्र

CARDIO-THORACIC & NEURO-SCIENCES CENTRE

अ.भा.आ.सं. नई दिल्ली-110029 / AIIMS, New Delhi - 110029

नाम *Arjun* उम्र *3 years* लिंग *Male* वैवाहिक स्थिति *Single* यू. एच.आई. डी. नं. *106785915*
 Name *Arjun* Age *3 years* Sex *Male* Marital Status *Single* UHID No. *106785915*
 सेवा *CR-6/* वेड *24* व्यवसाय *Occupation* धर्म *Religion*
 Service *CR-6/* Ward *24* Bed *24* Occupation *Occupation* Religion *Religion*

ALL INJECTIONS TO BE INITIALED BY PERSON ADMINISTERING

Date & Time	Medication & Treatment	Diet	Observation by the Nurse
<i>30/12/23</i>	<i>Dox / VSO / Small PA /</i> <i>No fever.</i> <i>No loose stool.</i> <i>HR 142/min</i> <i>RR 32/min</i> <i>Sat - 92%</i> <i>Prn - Wp</i> <i>Kidney: Warm.</i> <i>ACE - Sht @</i> <i>Pen @</i> <i>MS - Bu @ @</i> <i>no oral feeds</i>	<i>Drop in SpO2 during sleep @.</i> <i>? Component of obstructive sleep apnoea</i> <i>? Altered sleep pattern</i> <i>Plan:</i> <i>- ENT Consult for OSA</i> <i>- Peds Pulmo Consult for OSA</i> <i>- Op. Sleeps w/o</i> <i>- to send stool for</i>	<i>Observe night time breathing</i> <i>for options of homeo2, CPAP for PSH</i>

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नाम Name आयु Age लिंग Sex वैवाहिक स्थिति Marital Status यू. एच.आई. डी. नं. UHID No.
सेवा Service वार्ड Ward बेड Bed व्यवसाय Occupation धर्म Religion

ALL INJECTIONS TO BE INITIALED BY PERSON ADMINISTERING

Date & Time	Medication & Treatment	Diet	Observation by the Nurse
	DOAN : 150 / 150 PRN admission 150 Fever : 20 Cause : 20 Location : 20 PR 160 PR 384 SBP - 92 PR 160 PRN (+) PR 160 2 CRUP.		32 - M PR 1 86 a 80 PR 160 PRN (+) PR 160 PRN (+) PR 160 PRN (+)

2/11/24

U/S to Lungs & chest

Wheezy VSD - 140m

No Mouth breathing

On cue off

No Snoring / noisy breathing.

On cue off at the marker ⊕

No h/o night awakenings

Post examination, oriented

SpO₂ = 86% c/o



No stridor / stridor.

Blue color in throat



Mucous string ⊕

X-ray SW - AP

No c/o upper airway narrowing

Adv.

FOL - Cystic Mort 615 / 116A
(Wed / Sat) New RME 62
Jhon

Flu in ENT - 11:00 (Mon - Thursday)

GUJA New RME 62 Jhon


Dr. Ravi Shankar

हृदय-वक्ष एवं तंत्रिका केन्द्र CARDIO-THORACIC & NEURO-SCIENCES CENTRE

अ.भा.आ.सं. नई दिल्ली-110029 / AIIMS, New Delhi - 110029

एम. आर.-5 डॉक्टर आर्डर
M.R. - 5 Doctors Orders

Initial all orders Cancel by crossing through and intalling Rewrites all orders when turning over and after major operations.
Sister should sign in the column provided when the order is transferred to the treatment books.

नाम / Name उम्र / Age लिंग / Sex वैवाहिक स्थिति / Marital Status यू. एच.आई. डी. नं. / UHID No.
सेवा / Service Amjau Rawat वार्ड / Ward 3y / Male व्यवसाय / Occupation 106985995 धर्म / Religion

Date Order	Date Cancelation	Doctor's orders with signature	The sister's signature with date
<u>27/12/21</u>		Δ. :- <u>Dome / VSD / Small PS</u> <u>planned for cath study.</u> <u>Angiogram. Beneficial.</u> <u>Plan:</u> - NRO from 9am. - IVF DNS @ 4pm / home. - Angiogram - to be confirmed. - Shift to cath lab on call - <u>ACUTE / PULMONARY</u>	

DEPARTMENT OF CARDIOLOGY

Pre Cath Instruction *CATH*

ARYWARY RAWAT 342/m
106985995

Posted for Cath on

1. Consent CT 3 Ward (3rd floor)

1. Shave both groins

1. Nil orally after *9am* mid/night

28/12/23

4. All morning medications at 6. am on *28/12/23*

5. Cap/Syp..... Amox, 8 hrly. (first dose)
at 5 am tomorrow

6. Reach cath lab at 8 am on *28/12/23* with one attendant

7. Omit morning dose of antidiabetics, digoxin and night dose of anticoagulants

Aryshwar PATEL - Admit CTB.

8.

9.

ECG.....CT6.....Sixth Floor

X-ray.....Room 56.....Ground Floor

Post Cath Instructions

→ NPO 4hrs/ till awake

Diagnosis *SE ST*

→ Rel Immobilization x 6hrs

Puncture *BFA / RFV / LFV / LFA / BFA* . w/o SVP / 0.0 / pulse

Not to move RLL / LLL / RUL / LUL till 9 am on

Watch for bleeding/pulse hematoma/vital signs → *Syp NPO 4hrs*

200/5 SW 160 x 3 days

Resume all medicines

Cap/Syp.....Amox 8 hrly 3 days

ugs used heparin *1200*units

DOCTORS ORDERS

Initial all orders Cancel by crossing through and intalling Rewrites all orders when turning over and after major oper
Sister should sign in the column provided when the order is transferred to the treatment books.

Date Order	Date Cancellation	Doctor's orders with signature	The sister's signature with date
		<u>Vitals</u> <u>ac-fair</u> PR = 126 bpm PR = 34/min] RA SPR = 92%] BP = 108/81 CRT < 3 sec PP/CP = ++/++ <u>Plan</u> 1) CXR + X² STN (Lateral) 2) ENT opinion → upper Respiratory Symptoms.	<u>R/S</u> - b/L AEE, NVBS No shadow/added BS <u>CVS</u> - S₁S₂ (M) Systolic murmur <u>CNS</u> - No FND <u>P/A</u> - soft, NT, ND
			<u>Dr Rahul</u>

ARYWAN RAWAT

ECHOCARDIOGRAPHY REPORT

DEPARTMENT OF CARDIOLOG, CARDIOTHORACIC CENTRE
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, NEW DELHI-110029

NAME Aryan Rawat AGE 3 SEX M DATE 4/9/23
ECHO No 21939/23 CV No. UHID No. 106985995 C.R. No.
HEIGHT.....cm WEIGHT.....kg BSAm² Ref. Physician Dr. Sushobh

Referring Diagnosis

Quality of Imaging

Poor/Adequate/Good

Done by Dr. Goutam

Checked by Dr.

MITRAL VALVE

Morphology AML - Normal/Thickening/Calcification/Flutter/Vegetation/Prolapse/SAM/Doming
PML Normal/Thickening/Calcification/Prolapse/Paradoxical motion/Fixed.
Subvalvular deformity Present/Absent

Doppler Normal / Abnormal

Mitral stenosis Present / Absent RR interval.....msec

EDG.....mmHg MDG.....mmHg MVA.....cm²

Mitral regurgitation Absent/Trivial/Mild/Moderate/Severe

TRICUSPID VALVE

Morphology Normal/Atresia/Thickening/Calcification/Prolaps/Vegetation/Doming

Doppler Normal/Abnormal

Tricuspid stenosis Present/Absent RR interval.....msec

EDG.....mmHg MDG.....mmHg

Tricuspid regurgitation Absent/Trivial/Mild/Moderate/Service Fragmented Signals

Valocity.....m/sec Pred. RSVP-RAP+.....mmHg

PULMONARY VALVE

Morphology Normal/Atresia/Thickening/Doming/Vegetation

Doppler Normal/Abnormal

Pulmonary stenosis Present/Absent Level

PSG.....mmHg Pulmonary annulus.....mm

Pulmonary regulation Present/Absent

Early diastolic gradient.....mmHg En diastolic gradient....mmHg

AORTIC VALVE

Morphology Normal/Thickening/Calcification/Restricted Opening/Flutter/Vegetation No. of cusps 1/2/3/4

Doppler Normal/Abnormal

PHYSICAL EXAMINATION

Temp.

Pulse

Resp.

B.P.

Weight

Plan : ENT opinion

oral Exam² → child is uncooperative

vitals

GC - fair

PR = 140/min

RR = 26/min

SpO₂ = 90% JRA

CRT ≤ 3 sec

PP/CP = ++/++

RI/S - b/l AEE
N/BS.

CVS - S₁ S₂ +t
systolic murmur

CNS - No FND

PIA - soft, NR, ND

Plan

- ENT opinion - for URI symptoms
- Continue Budecort neb
- ADR neb sos.