







ABVIMS and Dr RML Hospital New Delhi - 110001

ECS PICU / HDU DAYCARE SHEET
DEPARTMENT OF PEDIATRICS

Name	Rishabh	Date / Time-	11/8/24	DOA-
Age/Gender	6 mon / M	CR. No. -	50300	DOPICU / HDU
Weight	5.5 kg	Bed number	2	DOMV-
Diagnosis	ACHD (ASD + VSD + severe TR + severe PPH) + CHF (R) = pyogenic meningitis = refractory status epilepticus = Rt. ventr collapse = new onset focal seizure = Rasmussen encephalitis = Impaired awareness = Hypok +			

Current issues

Issue	Intervention	Current status
1) Cold S2	→ No S2. Epi-d in last 26 hours	
2) Rasmussen Encephalitis in PPH	→ IVIG + M.P. 15	
3) Apnea		
4) ↓ Urine	→ Cd. Urine from → infd	
5) ↓ K	→ Urine from → outside K/LTUT → M.P. 15 sent	
6) Anuria	→ PAB (fion)	
7) 2.7 EM	→ TMS / 5 (M) last yesterday	

Respiratory system

Support	SIMV/PSV/CPAP/HFNC	ABG/VBG	Time-	ET size
	Morning Evening		Morning Evening	Fixed at
Delta P/PS		PH	7.601	Changed on
PEEP	0.45 P.P. 1.0 / 14/hi	PCO2	18.1	VAP---
MAP		HCO3	18	ICDT----
RR (T/Vent)		BE		(drain volume)
VT _E /VT _I	P.A. = 24/hi + M	PO2	190	other drains
Min Vent	14/hi =	OI		
FiO2 / SPO2		ICa	0.48	
C/R		P/F ratio		
CXR/USG		Anion Gap		
Examination + Other issues with Mx	B/L ACP / 11/24			

Cardiovascular System

★ Macro-circulation				★ Microcirculation				Shock-Hypovolemic/cardiogenic/distributive/obstructive Hypotensive/Compensated			
Morning		Evening		Morning		Evening		Bolus-			
HR	112/min			CFT	22			★ Vasoactives			
	11/11/11/11/11				22			Adrenaline		ug/kg/min	
								Noradrenaline		ug/kg/min	
								Dobutamine		ug/kg/min	
								Milrinone		ug/kg/min	
								Vasopressin		ug/kg/min	
										IUug/kg/min	
SBP/DBP/ MAP				Central to peripheral temp difference	50			Steroids			
								Hydrocortisone			
CVP				Perfusion index				Myocarditis			
Lactate				Hb				CK-MB			
SCVO2								ProBNP			
								Trop I			
								ECG			
								ECHO			
★ POCUS- IVC/Cardiac contractility-				CVS examination---				Other issues & Mx			

Neurological system

★ Sedoanalgesia			
	Midazolam		ug/kg/min
	Fentanyl		ug/kg/min
	Dexmedetomidine		ug/kg/min
	Ketamine		ug/kg/min
COMFORT SCORE			
GCS	Eye level, sp.		
Pupils	E4V4M6		
Fundus	B/L		
Tone	HRP		
Power	Shunt. At. 1/2/3/4/5/6		
DTR	7+/1+		
Plantars	7/7		
Clonus	None		
Meningeal sign			
Cerebellar signs			
Focal deficit			
Seizures/type/ Number of episodes			
AED			
Anti raised ICP measures			

Gastrointestinal System

Examination			
Feed (type + fortification)	Soft		
NG aspirates	1.5 cm BAC		
Stool	+		
★ Calorie	Kcal/kg/day		
Protein	gm/kg/day		
GIR	mg/kg/min		
	Bowel Sounds		

RENAL System & Fluids

★ 6hrly urine output ↓			
Fluid Charted (type)		1.	ml/kg/hour
AKI (KIDGO stage)		2.	ml/kg/hour
★ Total intake		3.	ml/kg/hour
Total output		4.	ml/kg/hour
★ Net balance		RBS.....	
★ Cumulative balance		PD-----	Y/N
FO %		Net balance -	DAY---
			10/8
		1. Na ---	145
		2. K ---	2.79
		3. Ur ---	15
		4. Cr ---	0.36

PLAN-

Weight	5 kg
TF R (%)	80% 400 mL
Drugs	280mg
Fluids	
Feed	
Na	meq/kg/day
K	meq/kg/day

- 1) O_2 by NP @ 2L/min
- 2) Inj. MEROPENEM 200 mg + 20 mL NS IV TDS
- 3) Inj. VANCOMYIN 75 mg + 20 mL NS IV BID
- 4) Inj. VALPROATE 90 mg + 10 mL NS IV BD
- 5) Inj. LEVERA 125 mg + 10 mL NS IV BD
- 6) Inj. LASIX 2.5 mg BD
- 7) ~~Inj. CALCIUM~~ ^{ST-P} ~~GLUCONATE~~ 6 mL + 6 mL D5 IV over 30 mins ^{aid}
- 8) Inj. EPTOIN 100 mg + 10 mL D5 IV BD
- 9) Inj. METHYLPREDNISOLONE 85 mg + 20 mL D5 IV over 30 mins ^{stop the study 8 days}
- with ~~inf~~ N_2 $\bar{C}$ D5 $\bar{C}$ (1:100 kcal) IV @ 6.3 mL/hr
- with ~~inf~~ Inj. MIDAZ 7.2 mg + 12 mL D5 IV @ 0.5 mL/hr.
- 12) Symp. CALMAX P 4 mL BD
- 13) Symp. Vit D3 (800 IU/mL) 2.5 mL OD
- 14) Symp. TEGRITAL (100 mg/5 mL) 2 mL BD
- 15) Symp. COENZYME $\frac{1}{2}$ cap + 10 mL MILK OD
- 16) Symp. CARNITINE (100 mg/5 mL) 3 mL BD
- 17) Tab. THIAMINE (100 mg) 1 tab + 10 mL DW TDS
- 18) Tab. BIOTIN 5 mg + 5 mL DW BD
- 19) Symp. POTKOR ²⁰ (20 meq/15 mL) 3.5 mL TDS
- 20) NH feeds $\downarrow$ EBF (25 mL q 2 hrs) , DBF ad lib

Vit & min.

Amr

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Name in Capital / Stamp

Amr

SR Signature
& Name in Capital / Stamp

BT Notes

50 ml PRBC transfused under
aseptic measure after cross
checking.

pre- & post-transfusion
vital - stable

No adverse reaction noted
during transfusion

Licence No. 768/82
DR. RAM MANOHAR LOHIA HOSPITAL
New Delhi-110001

Name of Patient Rishab
Ward & Bed No. HDV
C.R. No. 50300
Blood Bag No. 13137 Apos P.C 50ml
Unit Incharge Dr. Sheetal
Cross matching done & Found Compatible with sample.
Signature of Lab Technician issuing the blood
Date & time of issue 10/8/24 at 7:55 PM

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New Delhi - 110001

ECS PICU / HDU DAYCARE SHEET

DEPARTMENT OF PEDIATRICS

Name	Rishabh	Date / Time-	10/08/2014	DOA-
Age/Gender	6 months / M	CR. No. -	80300	DOPICU / HDU
Weight	5.5 kg	Bed number	②	DOMV-
Diagnosis	Aeno (ASD + VSD + severe TE + severe PAH + CHF) & Pyogenic meningitis & refractory status epilepticus & Rt V. collapse & new onset focal seizure & focal status ? Rasmussen's encephalitis & impaired awareness & hypocalcemia			

Current issues

Issue	Intervention	Current status
① focal status & new onset focal seizures - impaired awareness.	CEMRI Brain done provisionally reported to be s/o Rasmussen's encephalitis - start started IV Ig @ 1gm/kg/day x 2 days pulse Mps started, Multiple Aeds to continue	
② patient intubated at 1am and shifted on	maintaining SpO ₂ > 95%.	NP @ 4L/min
③ hypocalcemia -	on Iuj calcium gluconate @ 2ml/kg BID	
④ Repeat CSF -	Pyogenic meningitis - acellular, only squamous cells, sugar - 73, protein - 148	
⑤ hypokalemia K ⁺ - 2.7 -	potassium correction given sup potklor added.	

Respiratory system

Support	SIMV/PSV/CPAP/HFNC Morning Evening	ABG/VBG	Time- Morning Evening	ET size
Delta P/PS	Extubated	PH		Fixed at
PEEP	@	PCO2		Changed on
MAP	ON NP @ 2.4/1.4	HCO3		VAP---
RR (T/Vent)		BE		ICDT----
VTi/VTi		PO2		(drain volume)
Min Vent		OI		other drains
FiO2 / SPO2		ICa		
C/R		P/F ratio		
CXR/USG		Anion Gap		
Examination + Other issues with Mx				

PLAN-

- ① O₂ by NP @ 2 L/Hr
- ② INF. MEROPENEM 200mg + 20ml NS
1x TDS
- ③ INF. VANCOMYCIN 75mg + 20ml NS
x BID
- ④ VALPROATE 90mg + 10ml NS x BD
- ⑤ INT- LACERA 125mg + 10ml NS x BD
- ⑥ INT- LASIX 2.5mg x BD.
- ⑦ INF. CALCIUM GLUCONATE 6ml + 6ml DS 1x over 30min
x BID
- ⑧ INF. EPTOIN 100mg + 10ml DS 1x BD
- ⑨ INF. METHYLPREDNISOLONE 85mg + 20ml DS 1x over 30min
- ⑩ IVF N/L C DS C (1:1000) 1x @ 6.3ml/hr → with,
- ⑪ INF MIDAZ 7.2mg + 12ml DS 1x @ 0.5ml/hr
- ⑫ DL ⑫ IVIG (5gm) 100ml over 10 hrs. @ 10ml/hr.
- ⑬ SYR CALCIUM P 40ml x BD
- ⑭ SYR VIT D3 (800IU/ml) 2.5ml x OD
- ⑮ SYR REGRITAL (100mg/gm) 2ml x BD
- ⑯ CAP CO-ENZYME 1/2 cap + 10ml milk x OD
- ⑰ SYR CARNITINE (100mg/gml) 3ml x BD
- ⑱ TAB THIAMINE (100mg) 1 TAB + 10ml DW x TDS.
- ⑲ TAB BIOTIN 5mg + 5ml DW x BD
- ⑳ DBP a + lib, NG feeds of EBF (25ml q 2hrly)
- 11/8/24
sam 1/10 hypokalemia S.K = 2.7
Syr KCl 1.5ml in 10ml NS over 1 hour
Syr potKlor 6ml TDS
@ ~3.0 meq/kg/day

Weight	5.5g
TF	80%
R (%)	400ml
Drugs	380ml
Fluids	
Feed	
Na	meq/kg/day
K	meq/kg/day

BLOOD - 50 ml (123C)

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DR YICRANT

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ECS PICU / HDU DAYCARE SHEET
DEPARTMENT OF PEDIATRICS

Name	Rishab	Date / Time	10/08/24	DOA-
Age/Gender	6 months / male	CR. No. -	50300	DOPICU / HDU
Weight	5.5 kg	Bed number	(2)	DOMV-
Diagnosis	ACHD (ASD + VSD + severe TR + severe PAM) + CMFER) ± Pyogenic meningitis ± refractory status epilepticus ± Right VL collapse ± new onset focal seizure ± focal status ± ? Rasmussen's encephalitis ± impaired awareness ± hypocalcemia			

Current issues

Issue	Intervention	Current status
① Focal status ± new onset focal seizure ± impaired awareness	→ CMRI Brain done provisionally reported to be sfo Rasmussen's encephalitis → plan to start IVIG @ 1gm/kg/day X 2 days & pulse MPS. → Electively intubated & started on midazolam infusion @ 1mg/kg/min.	Multiple AEDs to continue
② Hypocalcemia	→ on 2ml Ca. gluconate @ 2ml/kg QID.	
③ Pyogenic meningitis	→ Repeat CSF → cell acellular, only squamous cells. Sugar - 73; Protein - 148; culture - awaited.	

Respiratory system

Support	SIMV/PSV/CPAP/HFNC	ABG/VBG	Time-Morning	Evening	ET size
	Morning Evening				Fixed at
Delta P/PS	11/9	PH	7.42		13cm.
PEEP	6	PCO2	49.9		Changed on
MAP	8.6	HCO3	33.3		VAP---
RR (T/Vent)	30/25	BE	8.8		ICDT----
VT _E /VT _I	45/59	PO2			(drain volume)
Min Vent		OI			other drains
FiO2 / SPO2	70% / 100%	ICa			
C/R		P/F ratio			
CXR/USG		Anion Gap			
Examination + Other issues with Mx	BIL AEE (+); no added sounds.				

cardiogenic/distributive/obstructive
Compensated

renaline
adrenaline
utamine
one
ressin
rtisone
B
P

neumonia

al System

ND, fever, sun
palpable Bm.

★ TPN-
1. Na--
2. K--
3. Calcium--
4. Aminoacids--
Lipids--

vel
nds

ine output ↓

ml/kg/hour
ml/kg/hour
ml/kg/hour
ml/kg/hour

Y/N
DAY--

49.2 → 146
07 → 3.4
7 → 15
34 → 0.3
2.3
4
2

Sepsis

Fever	(+)
Focus	
Blood C/s	
Urine C/s	
Urine Fungal	
ET C/s	
Other C/s	
HCAI (specify)	

★ Antimicrobials-

1. Mertopenem Day 7
2. Vancomycin Day 13
3. _____ Day _____
4. _____ Day _____
5. _____ Day _____
6. _____ Day _____

Date	09/08	10/08	Trend 10/08
Hb (g/dL)	7.4	6.7	
TLC/N	6400 (P43 L52)	8400 (P40 L52)	
Platelets	2.6 L	3.2 L	
CRP	3.9		
PCT			
PT/INR			
D-Dimer			
Fibrinogen	7.8 g/dL		0.7/0.3
OT/PT			69/26
TSP/Albumin			5.5/3.4
CSF (Date)	Sugar/Protein	Culture	Other Investigation
EEG	provisional IEMRI done today slo Rasmussen encephalitis.		
MRI	Sonum - 16 NH3 Serum - 2.1 lactate Tms 9cms] sample sent today. S.mg ² P-1.8		
CT			

★ Assess if they are required further

Central line days	
Urinary Catheter days	
Thrombophlebitis	
Bed sores	
Other drains	

INVESTIGATION SENT TODAY

CONSULTANT DECISION

C/S/B Dr Manjun Malam
 - 10 PRBC transfusion
 - Add Zolinamide
 - Keep NPO.. (TFR=80%)

PLAN-

(1) ET cane / Vent cane / NG cane / Position change q 4hrly
Head end elevation (30-45°) / Head in midline

(2) NPO till further orders.

(3) 2ry meropenem 200mg + 20ml NS iv q 8hrly (60)

(4) 2ry vancomycin 75mg + 20ml NS iv q 6hrly. (80)

(5) 2ry valproate 90mg + 10ml NS iv BD. (20)

(6) 2ry leucine 125mg + 10ml NS iv BD (20)

(7) 2ry Phenytoin 10mg + 10ml D5 iv BD. (20)

(8) 2ry Ca gluconate ~~6~~ml + ~~6~~ml D5 iv 6hrly + strict cardiac monitoring over 30mins. (48)

(9) Symp Tegretol (100/c) 2ml BD.

(10) Symp Vort D3 (800/1) 2.5ml BD

(11) Tab clonazepam (5mg) 1 tab qd.

(12) ~~Symp fentanyl (10/1)~~ 2ry dexam 2.5mg ^{iv} BD

(13) Symp Calumay -P 4ml BD via NG.

(14) Shop Calumay sachet

(15) 2ry Pyridoxine (100mg) + methyl cobalamin (1000mg) in 30ml NS iv stat.

(16) IVIG (Sgm) 100ml iv over 10hrs @ 10ml/hr ; w/ any adverse reaction.

(17) 2ry methyl Prednisolone ~~165~~⁸⁵mg in 30ml D5 iv over 30mins + strict BP monitoring
(@ 30mg/kg/day).

(18) Capsule Co-enzyme Q $\frac{1}{2}$ capsule in 10ml milk qd via NG.

(19) Symp Carnitine (100/c) in 3ml BD.

(20) Tab Thiamine (100mg) 1 tab in 10ml DW & give TDS.

(21) Tab Biotin (5mg) in 5ml DW and 5ml BD.

(22) IVF $\frac{N}{2}$ + D5 +

Kcl (1:100) @ 6.3ml/hr.

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& Name in Capital / Stamp

Weight	5.5kg
TF	80%
R (%)	(440ml)
Drugs	288ml
Fluids	152ml
Feed	
Na	meq/kg/day
K	meq/kg/day

IVIG = 100ml
Order changed

PLAN-

- ① O₂ by nasal prongs 14/min / N.P.O. KII further advice.
- ② Inj. Meropenem 1000mg + 10ml NS i.v. TDS.
- ③ Inj. Amikacin 550mg + 10ml NS i.v. OD
- ④ Inj. Cefotaxime 500mg i.v. OD
- ⑤ Inj. Pantop 40mg i.v. OD
- ⑥ Sup. PCM (100mg 5ml) 2ml BD

Weight	54 kg
TF	100%
R (%)	500ml
Drugs	256ml
Fluids	250ml
Feed	N.P.O. 100ml
Na	meq/kg/day
K	1.6 meq/kg/day

⑦ N.P.O. KII further advice

- ① Inj. Meropenem 200mg + 20ml NS i.v. TDS (60ml)
 - ② Inj. Vancomycin 75mg + 20ml NS i.v. BD (80ml)
 - ③ Inj. Valproate 90mg + 10ml NS i.v. BD (20ml)
 - ④ Inj. Levetiracetam 125mg + 10ml NS i.v. BD (20ml)
 - ⑤ Inj. Phenytoin 70mg i.v. stat loading.
- ↓
- ⑥ Inj. Phenytoin 10mg i.v. BD in 10ml NS (20ml)
- ⑦ Inj. Calcium gluconate 10ml + 5% D₅ i.v. 6 hourly
7ml 7ml over 30min
- ⑧ Sup. Tegrital (100mg/5ml) 2ml BD (56ml)
- ⑨ Sup. Vit D₃ (800 IU/ml) 2.5ml OD
- ⑩ Tab. clobazam 5mg 1 tab H.S
- ⑪ Inj. Laxip 5mg i.v. BD

via NG

- ⑫ Inj. Fentanyl 50mcg + 5% D₅ + 3:100 KCl @ 4.5ml/hour
IVF $\frac{N}{2} + 5\% D_5 + 3:100 KCl$ → 10ml/hour
- ⑬ Wash for airway / S.O. chatty / V.O. monthly.

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⑭ Sup. CalciMax P 60,000 IU 1 packet weekly for 6 weeks

SR Signature
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Age/Gender	6 month / male	CR. No. -	50300	DOPICU / HDU
Weight	5.5kg	Bed number	(2)	DOMV-
Diagnosis	ACHD (ASD + VSD + severe TR + severe PAH) = CHF (R) = pyogenic meningitis = Refractory status epilepticus = = right VL collapse / consolidation = New onset right with Infantile hemer syndrome sided focal seizures.			

Current issues

Issue	Intervention	Current status
① ACHD (ASD + VSD) →	on Lasix @ 1mg/kg/day.	
② Refractory status epilepticus -	on Luj Levetra @ 50mg/kg/day. Luj valproate @ 30mg/kg/day.	
③ pyogenic meningitis -	on 2w antibiotics - meropenam, vancomycin. repeat CSF - sugar - 73 cells - all anucleated protein - 148 squamous cells.	
	MRI brain dated for 19/08	
④ off oxygen = RR = 34/min	⑤ Infantile hemer syndrome Luj vitamin B12 IV given stat	
⑤ Multiple episodes of focal seizures -	No Reactions. carbamazepine dose increased leading dose of Luj valproate given	

Support	SIMV/PSV/CPAP/HFNC		ABG/VBG	Time-		ET size
	Morning	Evening		Morning	Evening	
Delta P/PS			PH			Fixed at
PEEP			PCO2			Changed on
MAP	on room air.		HCO3			VAP---
RR (T/Vent)			BE			ICDT----
VE/VTi	SpO2 - 94%.		PO2			(drain volume)
Min Vent			OI			other drains
FiO2 / SPO2			ICa			
C/R			P/F ratio			
CXR/USG			Anion Gap			
Examination + Other issues with Mx	B/L AE ⊕					