

IPATS TRANSPORT RECORD

۲



REF

Transport Service		Critical Ca	re & Retrieval Services 🛛 👾
IPAT	'S REFERRAL		
Date of Referral to PICU DD MM MM	Time of Referral		
Family Name	First Name(s)		
Date of Birth 🕪 DD MM YYYY	Check if DOB is	Actual	Estimated
Weight kgs	Sex	Male Female	e Unknown
Referring Hospital	Unit	Phone	
Name of Referring Clinician	Referring Specialty	Direct Phone	Contact
Grade of Referring Clinician Cons Fellow	spR	Reg SHO	Nurse
Was patient receiving invasive ventilation at time of referral control Yes No - Not indicated		vised to intubate	Unknown
Name Receiving PICU TSCUH OLCHC C	OTHER SPECIFY PH	none Rec. PICU	
Consultant Intensivist Consultant Speci	alist S _F	pecialty	
Specialist Team Contacted Yes	No	known U	nable to contact
Time HH MM Date DD MM YYYY	by referring team	CU Team OTHER	
Transport Consultant			
Reason for Referral (Please use ISBAR)			
Child Protection Issues: Yes No Unknown Infec	ction Control Issues: Yes	No Unknown	
TEAM TO TRANSPORT Time and Date of Decision Accepted t	ransport + PICU ransport to other PICU ransport to other destination ly Other	Patient did not red Refused, no bed Refused, no transp Refused, no bed, n Refused, time criti	o transport team
Mode of Transport Ground-NAS Ground	nd-Other Helicopter	- Heli+Ground	Fixed Wing +Ground
Advice given to referring team by PICU/IPATS team			FGround
NEOC NACC contacted at Time HH MM	on DD MM YYYY	CAD. No (P)	
NEOC NACC contacted at Time	DD MM YYYY	CAD. No	
Ambulance Arrival at Base Hospital ^(<30min) (RP) Time HH MM on DD MM YYYY	Departure of Team ^{(s} Time		
Team Members (in attendance) Consultant Registrar	Nurse(s)	Ambulance	Personnel
Other/Clinical Engineer			

۲

11/06/2021 13:21

۲

EQUIPMENT CHECKLIST AND PRE-TRANSPORT BRIEFING

۲

MINIMUM EQUIPMENT LIST (Check pre departure from base hospital and post PICU admission departure checks)

YES 🖌 NO 🗶 NA 🔿	BASE HOSPITAL	REFERRING HOSPITAL	RECEIVING PICU
Printout patient specific drug & medical gases sheet (IPATS.ie)			
Transport Form & Folder, Acknowledgement Form & Parent Pack			
Main Transport Bag			
Emergency Airway Pack			
Vascular Access Bag			
Drug Bag and Cool Bag			
Hamilton T1 Ventilator (checked and charging)			
Tempus Pro Monitor (charging)			
Arterial/Temp/NIBP/ECG/SpO2 cables, leads & cuffs			
Tempus ALS Defib & Pads			
Braun Pumps x 8 (6 x syringe drivers, 2 x volumetric)			
Noxbox/ NO2 Monitor/ Nitric Cylinder			
Power leads all connected to central power-bar on trolley			
ACR			
Oxygen Cylinder Check 2 x E cylinder (At least I and ¾ full), 1 x CD cylinder			
Spare Batteries Hamilton-Tempus (Air/Frontline Amb)			

AMBULANCE CHECKLIST YES 🖌 NO 🗶 NA O	BASE HOSPITAL	REFERRING HOSPITAL	RETURN TO BASE HOSPITAL
2x ZX size oxygen cylinders full and trolley O ₂ hose clicked into Schrader valves			
Trolley power bar connected to ambulance power inverter outlet and charging			
Respiratory Bag + CMAC			
Ultrasound Bag			
Bags and equipment securely stowed			
Mobile Phones (Ambulance Crew & Team)			
Team briefing and team strapped in prior to departure			

Team briefing and team strapped in prior to departure

PRE DEPARTURE CHECKLIST PRIOR TO LEAVING REFERRING HOSPITAL								
Transport Consultant informed and plan agreed	Yes	No	End tidal CO ₂ ((P)	Yes	No			
Imaging Reports, Notes and Drug Kardex	Yes	No	Oxygen available in sufficient quantity	Yes	No			
Transport equipment packed (see minimum equipment list above)	Yes	No	Pt Specific Airway bag, drug bag & bagging equipment	Yes	No			
CXR Checked	Yes	No	Sufficient and working IV access	Yes	No			
E.T. Tube in Good Position and Secured	Yes	No	Sedation, analgesia, muscle relaxant	Yes	No			
Blood Gas	Yes	No	Relevant scheduled medications given	Yes	No			
Humidivent/Viral Filter	Yes	No	Receiving unit contacted BEFORE UNPLUGGING OXYGEN AND POWER	Yes	No			

COMMENTS

۲

۲

REF

INITIAL ASSESSMENT ON ARRIVAL OF IPATS TEAM

۲

Summary of History and Presenting Complaint (Please use ISBAR)

Advice given enroute to referring team by IPATS team

PHYSICAL EXAMINATION BY RETRIEVAL TEAM

Other
Ot

ONARR	ON ARRIVAL VITALS (Time taken)				VENTILATION SETTINGS (Time)					
HR		bpm	BP	1	mmHg	Mode		I:E	iTime	
ECG Rythm			Cap refill			Rate		Tidal Volume		
RR			Temp		C (core)	PIP / PEEP				
SpO ₂					C (skin)	FiO ₂		iNO		ppm
			ETCO ₂ mmhg / kPa			Micro / Imaging	; done			

Glasgow Coma Scale (4-15 years)		Children's Glasgow Coma Scale (<4 years)		
Response		Response	Score	
Eye opening		Eye opening		
Spontaneously	4	Spontaneously	4	
To verbal stimuli	3	To verbal stimuli	3	
To pain	2	To pain	2	
No response to pain	1	No response to pain	1	
Best motor response		Best motor response		
Obeys verbal command	6	Spontaneous or obeys verbal command	6	
Localises to pain	5	Localises to pain or withdraws to touch	5	
Withdraws from pain	4	Withdraws from pain	4	
Abnormal flexion to pain (decorticate)	3	Abnormal flexion to pain (decorticate)	3	
Abnormal extension to pain (decerebrate)	2	Abnormal extension to pain (decerebrate)	2	
No response to pain	1	No response to pain	1	
Best verbal response		Best verbal response		
Onionstated and an according		Alext hebbles are sound to sound block.	-	

5	Alert; babbles, coos words to usual ability	5
4	Less than usual words, spontaneous irritable cry	4
3	Cries only to pain	3
2	Moans to pain	2
1	No response to pain	1
	5 4 3 2 1	Less than usual words, spontaneous irritable cry Cries only to pain Moans to pain

CNS (Time)					
GCS	/15				
Pupil Size 阏	Rt			Lt	
Pupil Reaction	Rt			Lt	
BLOOD GA	S (Tim	ie) 🕅			
Regional Blood Gas	s within	l hour	of IPATS	arrival	
A/V/C		F	PUPIL G	AUGE n	nm
рН		2	3	4	5
PCO ₂		•			
PO ₂			_		
HCO, ⁻		6	7	8	9
B.E.					
LACT					
GLUCOSE					

۲

PATIENT TRANSPORT OBSERVATIONS

۲

Observations at commencement of preparation for transport and every 15 - 30 minutes during transport At referring hospital unit 2 Patient Transport Trolley 3 On departure from unit 3 On switch over to ambulance/aircraft gas & power supply ⓑ En route in ambulance/aircraft ☺ On arrival at receiving unit ☯ On transfer to bed/cot/incubator Stage of transport T **Observations:** Time Temp: Core (RP) Temp: Peripheral Arrival \bigcirc <u>Core</u> Temp \ge 36.5°C (P) 210 200 190 180 Heart Rate (•) 170 160 **Blood Pressure** Systolic 🔻 150 Mean * 140 130 Diastolic 🔺 NIBP 120 IBP 110 (Please Tick) 100 90 80 70 60 Respiratory Rate (X) 50 40 30 20 10 ETCO, SpO₂ (Pre-Duct/Post if necessary) CVP ECG (= sinus) Ventilation Mode: PIP/PEEP Rate FiO, **Tidal Volumes** (High flow NC) Flow I:E Ratio NO PPM /cylinder contents

۲

۲

4

۲

	_	
1)	ட	L
17	г.	г
• •	-	۰.

Date	
Time	
Blood Gases: Art/Cap/Ven 🕅	
рН	
PaCO ₂	
PaO ₂	
HCO ³	
B.E	
Lactate	
Glucose	
NA⁺	
K+	
Ca ²⁺	
HB	
Neurological GCS /15	
RT Pupil Size/Reaction	
LT Pupil Size/Reaction	

SEDATED (S) MUSCLE RELAXED (MR)

۲

			INFL	JSIONS/FLUIDS				
Date	Time	Drug	Amount added	Solution	Volume	Dose	Prescriber	Admin/Check
								1
								1
								1
								/
								1
								1
								1
								1
								1

Bolus Date	Bolus Time	Fluid	Drug	Dose	Prescriber	Sig 1	Sig 2	Bolus Delivered

		RECORD OF BLOC	DD PRODUCTS	RECEIVED	
Date	Time	Product	Date	Time	Product

Prescribed on blood prescription and administration record

			DRAI	NAGE				
Time								
Urine Output								
NGT Loss								
Other Losses								

۲

۲

REF

MANAG	1ANAGEMENT/STATUS PRIOR TO TRANSFER		REF HOSP	TRANSP TEAM	DETAILS (size, route, site etc.)					
Airway	Primary Intubation	HH MM			Size		Leak	Yes	No	
					Taped at	Oral	Nasal	Cuff		
	Re-Intubation (for leak/elective)				Size		Leak	Yes	N	
	Repositioning ETT				Taped at	Oral	Nasal	Cuff		
					Re-Taped at					
_	Trachy Change/LMA/Surgical Airway				Size					
Breathing					Secretions					
	NIV									
	HFNC									
	Inhaled Nitric Oxide				Ppm					
	Suction/Physio				Size	On drain	age	Yes	No	
	Chest Drain				Left	Right	Bilat			
CVS	Inotropes:A=Adrenaline, NA=Noradrenaline				Drug I		Dos	se		
	D = Dopamine, DB = Dobutamine				Drug 2		Dos	se		
	M = Milrinone,V=Vasopressin				Drug 3		Dos	se		
	Central Venous Access				No. of Lumens		Size			
					Site					
	Arterial Line				Size		Site			
	Intra-osseous Needle				Size		Site			
	Peripheral Access / Sites Flushed and Patient				Size		Site			
					Size		Site			
					Size		Site			
	CPR/ Defibrillation (select)				Joules delivered	4	0.00			
Neuro	CT Scan				Туре	-				
	3% Saline/Mannitol				Dose					
	ICP Monitoring				Dose					
	Sedation/Muscle Relaxant									
Misc	ECMO									
	Urinary Catheter				Size					
	NGT/OGT				Size					

ADVICE GIVEN TO IPATS / REFERRING TEAM BY ACCEPTING SPECIALIST

Cardiology	Neurology	Endocrine	Neuro	surgical	Other	
Whilst in referring ur	nit			Advice Giver	n by	
				Received by		
				Actions		

PARENTS' DATA								
Mum's Name				Dad/Partner's Name				
Mobile No's	obile No's Marital Status							
Immunisation				Patient I.D. Bands	Yes	No		
Allergies				Acknowledgement form	Yes	No		
Parents given name of Hospital/Unit	Yes	No	Pare	nts given contact No's		Yes	No	
Parents given information leaflet	Yes	No	No Parent have mode of transport Yes				No	

36176 Transport Record.indd 6

۲

۲

6

				REF
		HANDOVER		
REFERRING HOSPITAL SIGN-C	VER OF PATIENT			
Referring Doctor (Name and IMC) Signed	BLOCK CAPS	Transport Doctor (Name and IMC) Signed	BLOCK CAPS	Date
Referring Nurse (Name and Grade) Signed	BLOCK CAPS	Transport Nurse (Name and Grade) Signed	BLOCK CAPS	Time
RECEIVING PICU SIGN-OVER				
Accepting Doctor (Name and IMC) Signed	BLOCK CAPS	Transport Doctor (Name and IMC) Signed	BLOCK CAPS	Date
Accepting Nurse (Name and Grade) Signed	BLOCK CAPS	Transport Nurse (Name and Grade) Signed	BLOCK CAPS	Time HH MM
		NOTES		
Date:				
Time:				
Signature:		MRN:		

REF

AUDIT AND TRANSPORT METRICS

۲

GROUND TRANSPORT METRICS: GROUND AMBULANCE TRANSFER							
Base to Referring Unit 🕅	Left at HH MM	Arrived at HH MM					
Referring Hospital to Receiving Unit 🕅	Left at HH MM	Arrived at HH MM					
Receiving Hospital to Base Unit (if applicable) 🙌	Left at HH MM	Arrived at HH MM					
Garda escort required? Yes No							

UNTOWARD EVENTS Identify all critical incidents during transit (tick all that apply)								
No critical incidents ((P)	Loss of oxygen	Vehicle accident	Equipment					
Accidental Extubation	Loss of inotropes	Vehicle breakdown	Serial Number					
Required intubation in transit	Loss of O2 sats monitoring >1 min	Use of replacement vehicle	Number					
Required chest drain insertion	Loss of I.V. access	Journey abandoned						
Significant desaturation or bradycardia	Cardiac arrest, successfully resuscitated	Delayed connection						
Significant unanticipated hypotension	Equipment failure or incompatibility	Emergency diversion						
Ventilator Failure	Team diverted to other patient	Other critical incident						

COMMENTS

What went well?

What could have gone better?

Any system issues identified?

۲

AIR TRANSPORT METRICS								
Helicopter Fixed Wing	NACC Desk Contacted at	Ambulance Arrived at HH MM						
Base Unit to Aircraft	Left at HH MM	Arrived at HH MM						
Flight Time to Referring/Receiving Landing Site	Take off HH MM	Landing HH MM						
Landing site to Referring/Receiving Unit	Left at HH MM	Arrived at HH MM						
Referring/Receiving Unit to Landing Site	Left at HH MM	Arrived at HH MM						
Base Landing site to Receiving/Base Unit	Left at HH MM	Arrived at HH MM						

PIM2 AUDIT DATA AT FIRST LOOK (PICU PATIENTS ONLY)

Elective Admission (tick if this is an elective admission)	Is evidence available to assess past medical history? Yes No	Ist Systolic blood pressure
	Cardiac arrest before admission	Blood gas measured Yes No
MAIN REASON FOR ADMISSION	Cardiac arrest OUT of hospital	Arterial PaO ₂ Arterial PaO ₂
Asthma	Cardiomyopathy or myocarditis	. kPa mmHg
Bronchiolitis	Severe combined immune deficiency	Base excess (arterial/capillary/venous)
Croup	Hypoplastic Left heart syndrome	mmol/l
Obstructive Sleep Apnoea	Liver failure main reason for admission	Lactate (arterial/capillary/venous)
Recovery post surgery	Following cardiac bypass	. mmol/l
DKA	Spontaneous Cerebral Haemorrhage	FiO ₂
Other	Neurodegenerative Disorder	Intubation Yes No
	Human Immunodeficiency Virus (HIV)	Face Mask/Nasal Prongs Yes No
		CPAP Yes No

8

۲