

Pediatric Intensive Care Transport Registry (PIT) - Data Dictionary / Item List V1.0

#	Variable / Field Label	Field Type	Field Attributes																		
	Basic transport information																				
1	Time of transport: Month	text, <i>required</i>	[Min: 1, Max: 12]																		
2	Time of transport: Year	text, <i>required</i>	[Min: 2024, Max: 2030]																		
3	Weekday or weekend day/holiday	radio button	<table><tr><td>1</td><td>Weekday</td></tr><tr><td>2</td><td>Weekend day/holiday</td></tr></table>	1	Weekday	2	Weekend day/holiday														
1	Weekday																				
2	Weekend day/holiday																				
4	Departure from collection unit	time	[hh:mm]																		
5	Arrival at destination unit	time	[hh:mm]																		
6	Urgency	dropdown	<table><tr><td>1</td><td>Emergency</td></tr><tr><td>2</td><td>< 2 hours</td></tr><tr><td>3</td><td>Disposition during the day</td></tr><tr><td>4</td><td>Elective transport</td></tr></table>	1	Emergency	2	< 2 hours	3	Disposition during the day	4	Elective transport										
1	Emergency																				
2	< 2 hours																				
3	Disposition during the day																				
4	Elective transport																				
7	Location of collection unit	text, <i>required</i>	text																		
8	Medical specialty of collection unit	dropdown	<table><tr><td>1</td><td>Pediatrics</td></tr><tr><td>2</td><td>Pediatric surgery</td></tr><tr><td>3</td><td>Internal medicine</td></tr><tr><td>4</td><td>Surgery</td></tr><tr><td>5</td><td>Anesthesiology</td></tr><tr><td>6</td><td>Other</td></tr></table>	1	Pediatrics	2	Pediatric surgery	3	Internal medicine	4	Surgery	5	Anesthesiology	6	Other						
1	Pediatrics																				
2	Pediatric surgery																				
3	Internal medicine																				
4	Surgery																				
5	Anesthesiology																				
6	Other																				
9	Other medical specialty	text	If ‘other’ was specified																		
10	Collection area	dropdown, <i>required</i>	<table><tr><td>1</td><td>Ward (Pediatrics)</td></tr><tr><td>2</td><td>Ward (Adults)</td></tr><tr><td>3</td><td>IMC</td></tr><tr><td>4</td><td>PICU</td></tr><tr><td>5</td><td>NICU</td></tr><tr><td>6</td><td>(Adult-)ICU</td></tr><tr><td>7</td><td>X-ray/endoscopy/CT scanner</td></tr><tr><td>8</td><td>Theatre and recovery</td></tr><tr><td>9</td><td>A & E</td></tr></table>	1	Ward (Pediatrics)	2	Ward (Adults)	3	IMC	4	PICU	5	NICU	6	(Adult-)ICU	7	X-ray/endoscopy/CT scanner	8	Theatre and recovery	9	A & E
1	Ward (Pediatrics)																				
2	Ward (Adults)																				
3	IMC																				
4	PICU																				
5	NICU																				
6	(Adult-)ICU																				
7	X-ray/endoscopy/CT scanner																				
8	Theatre and recovery																				
9	A & E																				
11	Destination unit	identifier, <i>required</i>	text																		
12	Destination type	dropdown, <i>required</i>	<table><tr><td>1</td><td>PICU</td></tr><tr><td>2</td><td>NICU</td></tr><tr><td>3</td><td>(Adult-)ICU</td></tr><tr><td>4</td><td>IMC</td></tr><tr><td>5</td><td>Ward</td></tr><tr><td>6</td><td>Theatre / cardiac catheter / Emergency intervention</td></tr><tr><td>7</td><td>A & E</td></tr><tr><td>8</td><td>Other</td></tr></table>	1	PICU	2	NICU	3	(Adult-)ICU	4	IMC	5	Ward	6	Theatre / cardiac catheter / Emergency intervention	7	A & E	8	Other		
1	PICU																				
2	NICU																				
3	(Adult-)ICU																				
4	IMC																				
5	Ward																				
6	Theatre / cardiac catheter / Emergency intervention																				
7	A & E																				
8	Other																				

13	Other destination type	text	If 'other' was specified
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Patient details																							
14	Is the patient's age less than one year?	radio button, <i>required</i>	<table><tr><td>1</td><td>Yes</td></tr><tr><td>2</td><td>No</td></tr></table>	1	Yes	2	No																
1	Yes																						
2	No																						
15	patient's age in months	text, <i>required</i>	[Min: 1, Max: 12]																				
16	patient's age in years	text, <i>required</i>	[Min: 0, Max: 17]																				
17	Sex	dropdown	<table><tr><td>1</td><td>Male</td></tr><tr><td>2</td><td>Female</td></tr><tr><td>3</td><td>Ambiguous</td></tr><tr><td>4</td><td>Unknown</td></tr></table>	1	Male	2	Female	3	Ambiguous	4	Unknown												
1	Male																						
2	Female																						
3	Ambiguous																						
4	Unknown																						
18	Weight (kg)	text	text																				
19	Isolation necessary during transport?	radio button	<table><tr><td>1</td><td>Yes</td></tr><tr><td>2</td><td>No</td></tr></table>	1	Yes	2	No																
1	Yes																						
2	No																						
20	Leading symptom necessitating transport	dropdown	<table><tr><td>1</td><td>Respiratory</td></tr><tr><td>2</td><td>Cardiac</td></tr><tr><td>3</td><td>Neurologic</td></tr><tr><td>4</td><td>Nephrological</td></tr><tr><td>5</td><td>Gastroenterological</td></tr><tr><td>6</td><td>Dermatological</td></tr><tr><td>7</td><td>Musculoskeletal</td></tr><tr><td>8</td><td>Hematopoietic/lymphatic system</td></tr><tr><td>9</td><td>Unknown</td></tr><tr><td>10</td><td>Other</td></tr></table>	1	Respiratory	2	Cardiac	3	Neurologic	4	Nephrological	5	Gastroenterological	6	Dermatological	7	Musculoskeletal	8	Hematopoietic/lymphatic system	9	Unknown	10	Other
1	Respiratory																						
2	Cardiac																						
3	Neurologic																						
4	Nephrological																						
5	Gastroenterological																						
6	Dermatological																						
7	Musculoskeletal																						
8	Hematopoietic/lymphatic system																						
9	Unknown																						
10	Other																						
21	Other symptom	text	<i>If 'other' was specified</i>																				
22	Cause of leading symptom necessitating transport	dropdown	<table><tr><td>1</td><td>Infectious</td></tr><tr><td>2</td><td>Immunological/ rheumatological</td></tr><tr><td>3</td><td>Oncological/hematological</td></tr><tr><td>4</td><td>Transplant (solid organs)</td></tr><tr><td>5</td><td>Transplant (bone marrow)</td></tr><tr><td>6</td><td>Metabolic/endocrinological</td></tr><tr><td>7</td><td>Trauma/surgical</td></tr><tr><td>8</td><td>Burns/scalding/chemical burn</td></tr><tr><td>9</td><td>Unknown</td></tr><tr><td>10</td><td>Other</td></tr></table>	1	Infectious	2	Immunological/ rheumatological	3	Oncological/hematological	4	Transplant (solid organs)	5	Transplant (bone marrow)	6	Metabolic/endocrinological	7	Trauma/surgical	8	Burns/scalding/chemical burn	9	Unknown	10	Other
1	Infectious																						
2	Immunological/ rheumatological																						
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4	Transplant (solid organs)																						
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6	Metabolic/endocrinological																						
7	Trauma/surgical																						
8	Burns/scalding/chemical burn																						
9	Unknown																						
10	Other																						
23	Other cause	text	<i>If 'other' was specified</i>																				

Vitals and blood gas parameters at admission at destination unit																	
24	Mean blood pressure (mmHg)	text	text														
25	SpO ₂ (%)	text	text														
26	FiO ₂ at time SpO ₂ measured (%)	text	[Min: 21, Max: 100]														
27	Blood gas measured?	radio button	<table><tr><td>1</td><td>Yes</td></tr><tr><td>2</td><td>No</td></tr></table>	1	Yes	2	No										
1	Yes																
2	No																
28	Blood gas sampling site	radio button	<table><tr><td>1</td><td>Arterial</td></tr><tr><td>2</td><td>Capillary</td></tr><tr><td>3</td><td>Venous</td></tr></table>	1	Arterial	2	Capillary	3	Venous								
1	Arterial																
2	Capillary																
3	Venous																
29	pH	text	[Min: 6.0, Max: 8.0]														
30	Base Excess (mmol/l)	text	[Min: -40, Max: 40]														
31	Lactate (mmol/l)	text	[Min: 0, Max: 40]														
32	pCO ₂	text	text														
33	pCO ₂ unit	radio button	<table><tr><td>1</td><td>mmHg</td></tr><tr><td>2</td><td>kPa</td></tr></table>	1	mmHg	2	kPa										
1	mmHg																
2	kPa																
34	pO ₂	text	text														
35	pO ₂ unit	radio button	<table><tr><td>1</td><td>mmHg</td></tr><tr><td>2</td><td>kPa</td></tr></table>	1	mmHg	2	kPa										
1	mmHg																
2	kPa																
36	Subjective severity of illness (documentation of overall impression based on the NACA score)	radio button	<table><tr><td>1</td><td>NACA I</td></tr><tr><td>2</td><td>NACA II</td></tr><tr><td>3</td><td>NACA III</td></tr><tr><td>4</td><td>NACA IV</td></tr><tr><td>5</td><td>NACA V</td></tr><tr><td>6</td><td>NACA VI</td></tr><tr><td>7</td><td>NACA VII</td></tr></table>	1	NACA I	2	NACA II	3	NACA III	4	NACA IV	5	NACA V	6	NACA VI	7	NACA VII
1	NACA I																
2	NACA II																
3	NACA III																
4	NACA IV																
5	NACA V																
6	NACA VI																
7	NACA VII																

Mode of transport / transport team															
37	Mode of transport	dropdown, <i>required</i>	<table><tr><td>1</td><td>Ambulance</td></tr><tr><td>2</td><td>Ambulance with dedicated equipment</td></tr><tr><td>3</td><td>Intensive Care Ambulance</td></tr><tr><td>4</td><td>Air transport</td></tr><tr><td>5</td><td>Intensive Care Air transport</td></tr><tr><td>6</td><td>Other</td></tr></table>	1	Ambulance	2	Ambulance with dedicated equipment	3	Intensive Care Ambulance	4	Air transport	5	Intensive Care Air transport	6	Other
1	Ambulance														
2	Ambulance with dedicated equipment														
3	Intensive Care Ambulance														
4	Air transport														
5	Intensive Care Air transport														
6	Other														
38	Other mode of transport	text	<i>If 'other' was specified</i>												
39	Additional pediatric equipment brought by the transport team?	radio button	<table><tr><td>1</td><td>Yes</td></tr><tr><td>2</td><td>No</td></tr></table>	1	Yes	2	No								
1	Yes														
2	No														
40	Type of transport team	dropdown													

			<table border="1"> <tr><td>1</td><td>Regular crew (non-specialist team)</td></tr> <tr><td>2</td><td>Regular crew plus Pediatrics</td></tr> <tr><td>3</td><td>PICU team</td></tr> <tr><td>4</td><td>NICU team</td></tr> <tr><td>5</td><td>Other</td></tr> </table>	1	Regular crew (non-specialist team)	2	Regular crew plus Pediatrics	3	PICU team	4	NICU team	5	Other		
1	Regular crew (non-specialist team)														
2	Regular crew plus Pediatrics														
3	PICU team														
4	NICU team														
5	Other														
41	Other transport team	<i>text</i>	<i>If 'other' was specified</i>												
42	Is a pediatrician (MD1) part of the transport team?	<i>radio button</i>	<table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No								
1	Yes														
2	No														
43	Is MD1 team lead?	<i>radio button</i>	<table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No								
1	Yes														
2	No														
44	Is MD1 part of the regular crew?	<i>radio button</i>	<table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No								
1	Yes														
2	No														
45	Grade of MD1	<i>radio button</i>	<table border="1"> <tr><td>1</td><td>Consultant</td></tr> <tr><td>2</td><td>Resident, ≥ 3 years of medical training</td></tr> <tr><td>3</td><td>Resident, < 3 years of medical training</td></tr> </table>	1	Consultant	2	Resident, ≥ 3 years of medical training	3	Resident, < 3 years of medical training						
1	Consultant														
2	Resident, ≥ 3 years of medical training														
3	Resident, < 3 years of medical training														
46	Specific qualifications of MD1	<i>radio button (multiple selections possible)</i>	<table border="1"> <tr><td>1</td><td>Intensive Care Medicine</td></tr> <tr><td>2</td><td>Neonatology</td></tr> <tr><td>3</td><td>(Pediatric)Cardiology</td></tr> <tr><td>4</td><td>Emergency medicine</td></tr> <tr><td>5</td><td>EPALS/PALS</td></tr> <tr><td>6</td><td>DIVI Intensive Care Transport Course</td></tr> </table>	1	Intensive Care Medicine	2	Neonatology	3	(Pediatric)Cardiology	4	Emergency medicine	5	EPALS/PALS	6	DIVI Intensive Care Transport Course
1	Intensive Care Medicine														
2	Neonatology														
3	(Pediatric)Cardiology														
4	Emergency medicine														
5	EPALS/PALS														
6	DIVI Intensive Care Transport Course														
47	Is a physician of another specialty a member of the transport team (MD2)?	<i>radio button</i>	<table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No								
1	Yes														
2	No														
48	Medical specialty of MD2?	<i>radio button</i>	<table border="1"> <tr><td>1</td><td>Internal medicine</td></tr> <tr><td>2</td><td>Anesthesiology</td></tr> <tr><td>3</td><td>Surgery</td></tr> <tr><td>4</td><td>Other</td></tr> </table>	1	Internal medicine	2	Anesthesiology	3	Surgery	4	Other				
1	Internal medicine														
2	Anesthesiology														
3	Surgery														
4	Other														
49	Other medical specialty	<i>text</i>	<i>If 'other' was specified</i>												
50	Is MD2 team lead?	<i>radio button</i>	<table border="1"> <tr><td>1</td><td>Ja</td></tr> <tr><td>2</td><td>Nein</td></tr> </table>	1	Ja	2	Nein								
1	Ja														
2	Nein														
51	Is MD2 part of the regular crew?	<i>radio button</i>	<table border="1"> <tr><td>1</td><td>Ja</td></tr> <tr><td>2</td><td>Nein</td></tr> </table>	1	Ja	2	Nein								
1	Ja														
2	Nein														
52	Grade of MD2	<i>radio button</i>	<table border="1"> <tr><td>1</td><td>Consultant</td></tr> </table>	1	Consultant										
1	Consultant														

			<table><tr><td>2</td><td>Resident, ≥ 3 years of medical training</td></tr><tr><td>3</td><td>Resident, < 3 years of medical training</td></tr></table>	2	Resident, ≥ 3 years of medical training	3	Resident, < 3 years of medical training						
2	Resident, ≥ 3 years of medical training												
3	Resident, < 3 years of medical training												
53	Specific qualifications of MD2	<i>radio button (multiple selections possible)</i>	<table><tr><td>1</td><td>Intensive Care Medicine</td></tr><tr><td>2</td><td>Cardiology</td></tr><tr><td>3</td><td>Emergency medicine</td></tr><tr><td>4</td><td>EPALS/PALS</td></tr><tr><td>5</td><td>DIVI Intensive Care Transport Course</td></tr></table>	1	Intensive Care Medicine	2	Cardiology	3	Emergency medicine	4	EPALS/PALS	5	DIVI Intensive Care Transport Course
1	Intensive Care Medicine												
2	Cardiology												
3	Emergency medicine												
4	EPALS/PALS												
5	DIVI Intensive Care Transport Course												
54	Did a critical care nurse accompany the patient?	<i>radio button</i>	<table><tr><td>1</td><td>Yes</td></tr><tr><td>2</td><td>No</td></tr></table>	1	Yes	2	No						
1	Yes												
2	No												
55	Specific qualification of the nurse	<i>radio button (multiple selections possible)</i>	<table><tr><td>1</td><td>Specialist pediatric intensive care/anesthesia nursing</td></tr><tr><td>2</td><td>EPALS/PALS</td></tr><tr><td>3</td><td>DIVI Intensive Care Transport Course</td></tr></table>	1	Specialist pediatric intensive care/anesthesia nursing	2	EPALS/PALS	3	DIVI Intensive Care Transport Course				
1	Specialist pediatric intensive care/anesthesia nursing												
2	EPALS/PALS												
3	DIVI Intensive Care Transport Course												
56	Did a perfusionist accompany the patient?	<i>radio button</i>	<table><tr><td>1</td><td>Yes</td></tr><tr><td>2</td><td>No</td></tr></table>	1	Yes	2	No						
1	Yes												
2	No												
57	Did a parent accompany the patient?	<i>dropdown</i>	<table><tr><td>1</td><td>Yes</td></tr><tr><td>2</td><td>No – parent not present</td></tr><tr><td>3</td><td>No – parent declined to accompany</td></tr><tr><td>4</td><td>No – parent not permitted to accompany</td></tr><tr><td>5</td><td>No – parent cannot accompany due to space restrictions</td></tr></table>	1	Yes	2	No – parent not present	3	No – parent declined to accompany	4	No – parent not permitted to accompany	5	No – parent cannot accompany due to space restrictions
1	Yes												
2	No – parent not present												
3	No – parent declined to accompany												
4	No – parent not permitted to accompany												
5	No – parent cannot accompany due to space restrictions												

Interventions				
58	Oxygen	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
59	High flow nasal cannula therapy	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
60	Non-invasive ventilation	<i>radio button</i>		

			1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
61	Invasive ventilation	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
62	Chest drain	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
63	NO inhalation	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
64	ECMO	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
65	Peripheral venous access	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
66	Central venous access	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
67	Intraosseous access	<i>radio</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
68	Arterial access	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
69	Inotrope or vasopressor infusion	<i>radio button</i>	1	By local team before transport
			2	By transport team

			3	After transport
			4	Not done
70	Infusion of blood products	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
71	Antiarrhythmics	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
72	Pacing	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
73	Cardioversion/Defibrillation	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
74	Analgetics	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
75	Sedatives	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
76	Muscle relaxants	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
77	Antiepileptic drugs	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
78	ICP monitoring	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done

79	Urinary catheter	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
80	Other drains	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
81	CPR	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
82	Extracorporeal Life Support (ECLS)	<i>radio button</i>	1	By local team before transport
			2	By transport team
			3	After transport
			4	Not done
83	Critical incidents	<i>radio button (multiple selections possible)</i>	1	None
			2	Accidental extubation
			3	Ventilator failure (ventilator defect, loss of gas supply)
			4	Loss of all IV access
			5	Cardiac arrest
			6	Medication administration error
			7	Equipment failure or incompatibility
			8	Other
84	Other critical incidents	<i>text</i>	<i>If 'other' was specified</i>	