

WEB TABLE I DETAILS OF PATIENTS WITH IO ACCESS

Pt	Sex	Age (mt)	Primary chronic disease	Complaints	Physiologic status	Site of application	Usage time (minute)	Place of extraction	Complications	Outcome
1	M	6	Metabolic (Methylmalonic academia)	Nausea, Vomiting, Unconsciousness	Hypotensive shock	Lt. prox. tibia	1080	PICU	No	Ex in PICU
2	M	6	No	Unconsciousness, Poisoning	Compensated shock	Rt. prox.tibia	150	PICU	No	Discharged
3	M	12	No	Diarrhea	Compensated shock	Rt. prox.tibia	720	Ward	No	Discharged
4	M	84	No	Trauma (Traffic Accident)	Hypotensive shock	Lt. prox. tibia	120	DEP	Extravasation	Ex in DPS
5	M	19	Metabolic (Urea cycle defect)	Vomiting	Hypotensive shock	Lt. prox. tibia	1440	PICU	No	Discharged
6	F	20	Genetic (3Q deletion)	Diarrhea	Hypotensive shock	Lt. prox. tibia	1080	PICU	No	Ex in PICU
7	M	204	No	Trauma (Falls from height)	Hypotensive shock	Bt.prox.tibia	240	DEP	Extravasation	Ex in DEP
8	F	8	Metabolic (Cytochrome C oxidase deficiency)	Cough	Respiratory Distress	Rt. prox.tibia	1440	PICU	No	Discharged
9	M	14	Genetic (Crisponi syndrome)	Vomiting, Diarrhea	Compensated shock	Bt.prox.tibia	120	Ward	No	Discharged
10	M	18	No	Trauma (Traffic Accident)	Hypotensive shock	Bt.prox.tibia	60	DEP	No	Ex in DEP
11	M	18	Neurologic (Infantile spasm)	Difficulty breathing	Respiratory Failure	Rt. prox.tibia	60	PICU	No	Ex in PICU
12	F	12	Neurologic (Mental motor retardation)	Diarrhea, Vomiting	Hypotensive shock	Rt. prox.tibia	720	Ward	No	Ex in PICU
13	M	18	Neurologic (Infantile spasm)	Seizure, Difficulty breathing	Respiratory Distress	Rt. prox.tibia	60	PICU	No	Discharged
14	F	36	Neurologic (Spinal muscular atrophy)	Difficulty breathing, apnea	Respiratory Failure	Bt.Prox.tibia	40	DEP	Extravasation	Ex in DEP
15	M	30	Cardiac (Pulmonary hypertension and secundum ASD)	Difficulty breathing	Respiratory Failure	Rt. prox.tibia	600	PICU	No	Ex in PICU
16	F	9	No	Diarrhea, Vomiting	Hypotensive shock, Cardiac arrest	Bt.prox.tibia	240	PICU	No	Ex in PICU
17	M	10	No	Trauma (Traffic Accident)	Hypotensive shock	Bt.prox.tibia	480	PICU	No	Ex in PICU
18	M	54	Metabolic (Mucopolysaccharidose)	Difficulty breathing	Respiratory Failure	Bt.prox.tibia	1440	PICU	No	Ex in PICU
19	M	84	No	Trauma (Traffic Accident)	Hypotensive shock	Lt. prox. tibia	40	DEP	No	Ex in DEP
20	M	12	No	Asphyxia	Respiratory Failure, Cardiac Arrest	Lt. prox. tibia	10	PICU	Dislocation	Ex in PICU
21	M	120	Neurologic (Hypoxic ischemic encephalopathy)	Aspiration	Respiratory Failure, Cardiac Arrest	Lt. prox.tibia	90	DEP	No	Ex in DEP
22	M	12	No	Asphyxia	Respiratory Failure, Cardiac Arrest	Lt. prox.tibia	360	PICU	No	Ex in PICU
23	M	18	Neurologic (Spinal muscular atrophy)	Difficulty breathing	Respiratory Failure, Cardiac Arrest	Bt.prox.tibia	480	PICU	No	Ex in PICU

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24	F	9	No	Trauma (Traffic Accident)	Hypotensive shock, Respiratory Failure, Cardiac Arrest	Bt. Prox.tibia	180	DPS	No	Ex in DPS
25	M	36	No	Trauma (Traffic Accident)	Hypotensive shock, Respiratory Failure, Cardiac Arrest	Lt.prox.tibia	180	PICU	No	Ex in PICU

Pt, patient; M, male; F, female; Lt, left; Rt, right; Bt, bilateral; prox, proximal; PICU, Pediatric Intensive Care Unit; DPE, Department of Pediatric Emergency; DPS, Department of Pediatric Surgery