

Table 1. Survivors characteristics based on acquired morbidity status at PICU and hospital discharge

(i) PICU Discharge (N = 90)

Characteristics	No morbidity at PICU discharge n= 31	Acquired morbidity at PICU discharge n=59	p-value
Age (years)	2.41 (0.58, 7.24)	1.89 (0.35, 7.86)	0.87
Male gender	19 (61.3)	30 (50.8)	0.35
Weight (kg)	12.00 (6.00, 20.00)	10.95 (5.30, 25.00)	0.73
PIM 2 score	3.50 (1.23, 5.80)	4.40 (1.20, 10.00)	0.51
Presence of comorbidities	16 (51.7)	27 (45.8)	0.60
Neuromuscular	3	6	
Cardiovascular	4	5	
Respiratory	6	6	
Hematology-oncology	1	7	
Others*	1	3	
Multiple	0	1	
Inotropic support	4 (12.9)	8 (13.6)	1.00
ECMO	3 (9.7)	6 (10.2)	1.00
Mechanical ventilation	30 (96.8)	57 (96.6)	0.97
Day 1 oxygenation index**	10.73 (8.25, 15.24)	11.66 (7.68, 16.73)	0.77
Multiorgan dysfunction	12 (38.7)	27 (45.8)	0.52

(ii) Hospital discharge (N= 90)

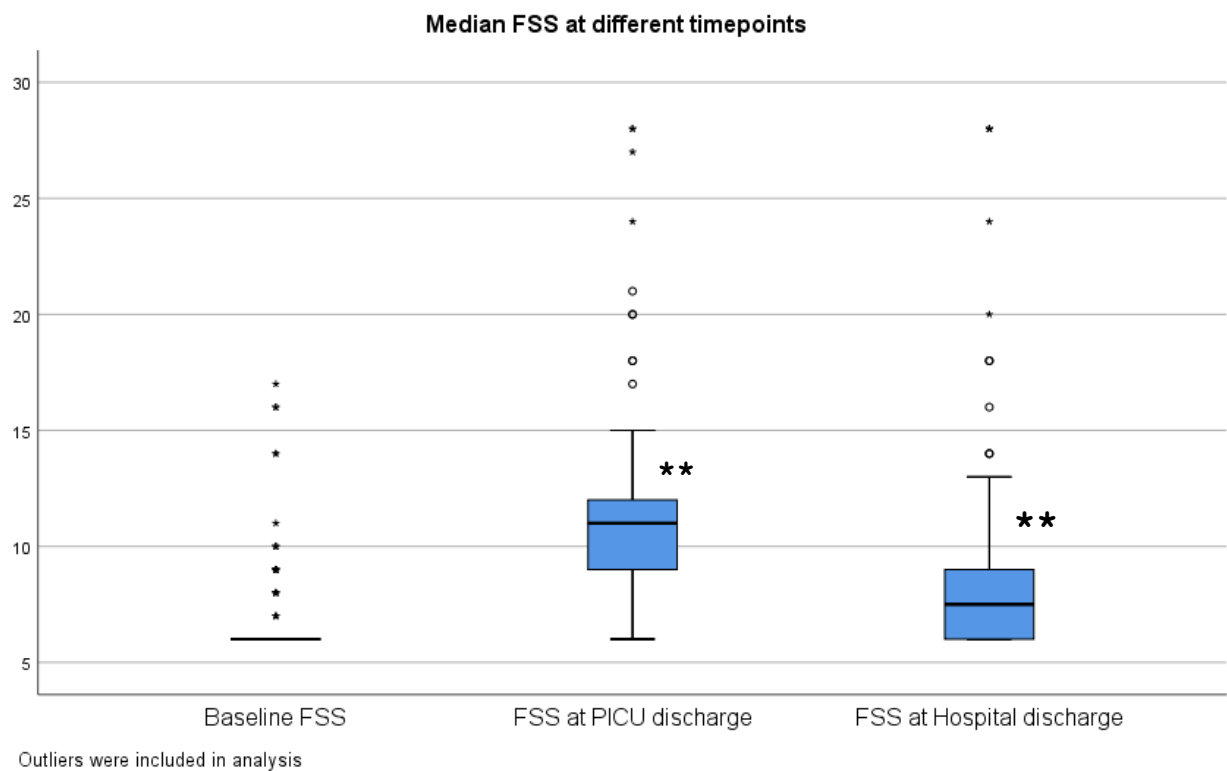
Characteristics	No morbidity at PICU discharge (n=76)	Acquired morbidity at PICU discharge (n=14)	p-value
Age (years)	2.28 (0.46, 7.73)	1.84 (0.20, 5.45)	0.48
Male gender	40 (52.6)	9 (64.3)	0.42
Weight (kg)	10.68 (6.15, 24.25)	11.50 (4.75, 19.25)	0.61
PIM 2 score	3.92 (1.20, 7.40)	6.98 (2.83, 21.55)	0.06
Presence of comorbidities	37 (48.7)	6 (42.9)	0.69
Neuromuscular	7	2	
Cardiovascular	8	1	
Respiratory	11	1	
Hematology-oncology	7	1	
Others*	3	1	
Multiple	0	1	
Inotropic support	11 (14.5)	1 (7.1)	0.68
ECMO	8 (10.5)	1 (7.1)	1.00
Mechanical ventilation	73 (96.1)	14 (100)	0.45
Day 1 oxygenation index**	10.43 (7.56, 15.71)	13.66 (11.81, 18.15)	0.06
Multiorgan dysfunction	30 (39.5)	9 (64.3)	0.09

* Metabolic/genetics/congenital comorbidities

** Oxygenation index = (FiO₂ x Mean airway pressure x 100)/Arterial oxygen partial pressure

PICU, pediatric intensive care unit; PIM2, pediatric index of mortality 2; ECMO, extracorporeal life membrane oxygenation

Figure 1. Change in Functional Status Scale from baseline to discharge among PARDS survivors



*° Outliers were patients with underlying comorbidities (e.g. cerebral palsy, neurological conditions).

**p < 0.01

PARDS, pediatric acute respiratory distress syndrome; FSS, functional status score; PICU, pediatric intensive care unit

Table 2. Functional Status Scores by severity of PARDS

	Mild or moderate PARDS	Severe PARDS	p-value
Acquired morbidity at PICU discharge, n (%)	36 (61.0)	16 (27.1)	0.24
Median change in FSS at PICU discharge	3.00 (2.00, 5.00)	5.00 (2.50, 5.50)	0.16
Acquired morbidity at Hospital discharge, n (%)	8 (57.1)	5 (35.7)	0.29
Median change in FSS at Hospital discharge	0.00 (0.00, 2.00)	0.00 (0.00, 3.00)	0.38

* Pediatric Acute Lung Injury Consensus Conference (PALICC) classification(16)

- Mild ARDS: $4 \leq \text{OI} < 8$

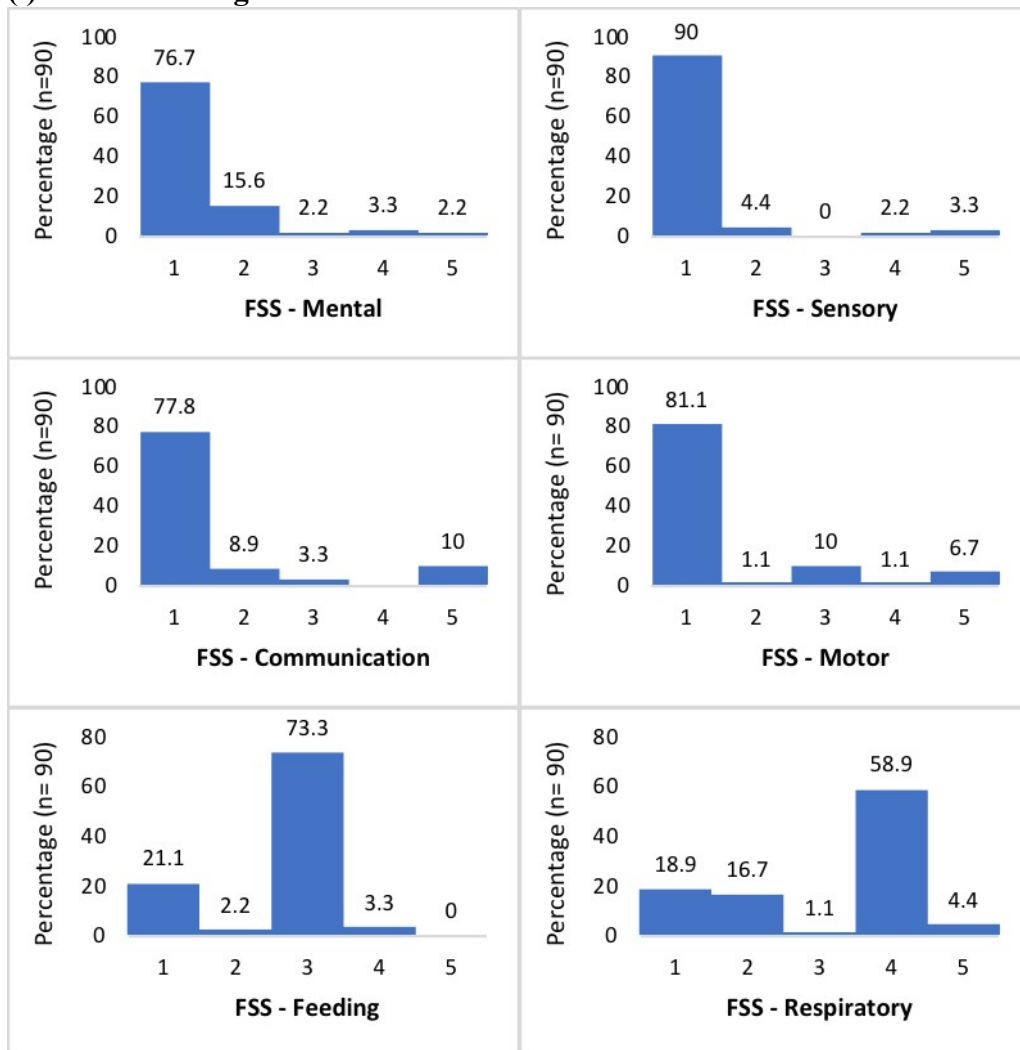
- Moderate ARDS: $8 \leq \text{OI} < 16$

- Severe ARDS: $\text{OI} \geq 16$

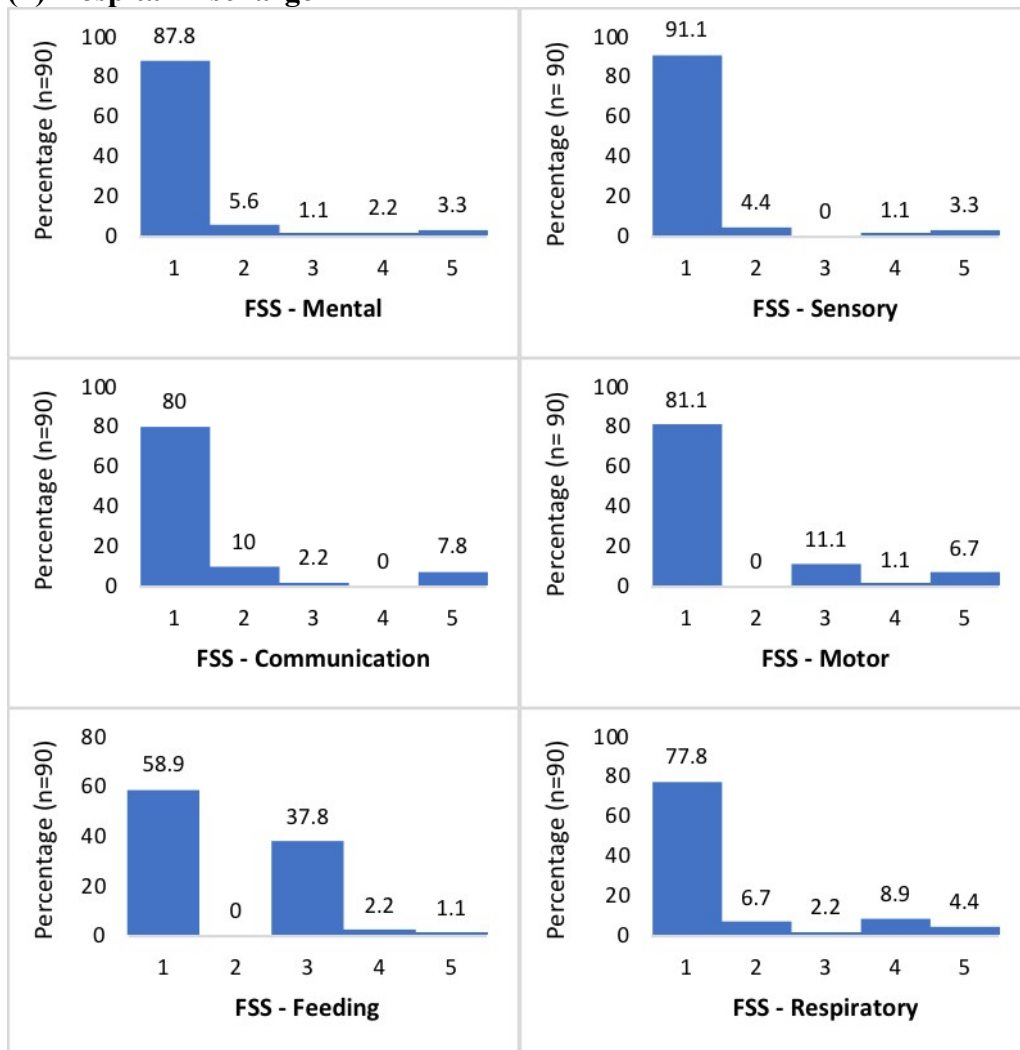
PARDS, pediatric acute respiratory distress syndrome; FSS, functional status score; PICU, pediatric intensive care unit; OI, oxygenation index

Figure 2. Functional Status Scale Domain Scores at Discharge

(i) PICU discharge



(ii) Hospital Discharge



FSS, functional status score; PICU, pediatric intensive care unit