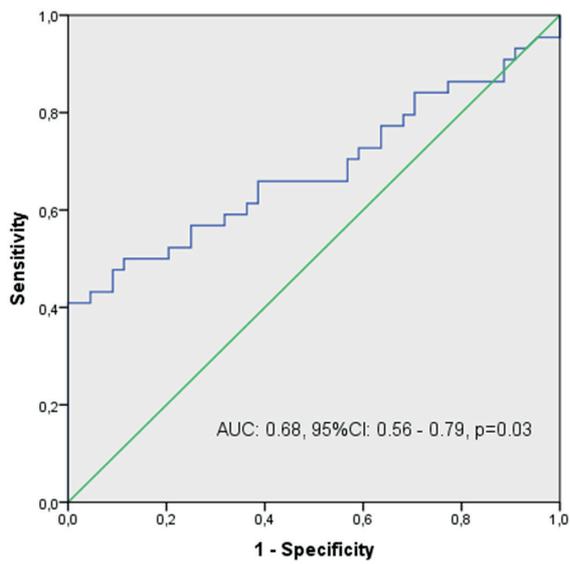**Supplementary Table S1.** Comparison of baseline characteristics and laboratory parameters among three PARDS classes in study patients

Variable	Mild PARDS (n=11)	Moderate PARDS (n=22)	Severe PARDS (n=11)	p
Age (months)	36 (17-108)	33 (10-126)	48 (12-108)	0.81
Females	4 (36.4%)	6 (27.3%)	8 (72.7%)	0.04
PRISM III Score	4 (4-9)	9 (8-12)	14 (8-24)	**0.004**
Hemoglobin (g/dL)	9.31±1.54	9.96±1.57	9.79±1.49	0.44
Hematocrit (%)	29.63±6.28	29.69±3.02	29.73±4.84	0.99
RBC ($\times 10^6$ /μL)	3.7 (2.4-4.8)	3.6 (3-6.7)	4.5 (2.4-4.6)	0.57
WBC ($\times 10^3$ /μL)	12.03 (7.5-29.4)	11.2 (3.2-30.4)	8.3 (2.3-31.2)	0.59
Platelets ($\times 10^6$ /μL)	334 (44-580)	306 (33-902)	203 (18-599)	0.30
ANC ($\times 10^3$ /μL)	7.5 (10.8-24.7)	6.1 (1.8-25.8)	5.3 (1.4-25.6)	0.86
ALC ($\times 10^3$ /μL)	3.6 (0.5-6.3)	2.5 (0.8-9.9)	2.3 (0.7-12.8)	0.96
CRP (mg/dL)	29.1 (4.2-210)	36.7 (5-345.7)	66.4 (0.9-181.9)	0.74
ALT (U/L)	29 (9-187)	26.5 (6-121)	21 (8-245)	0.79
AST (U/L)	45 (18-525)	36 (18-288)	69 (23-527)	0.23
Urea (mg/dL)	18 (7-51)	20 (2-86)	24 (3-68)	0.99
Creatinine (mg/dL)	0.18 (0.6-1.75)	0.22 (0.1-2.8)	0.49 (0.06-1.27)	0.45
Sodium (mmol/L)	137 (128-141)	139 (133-151)	140 (124-161)	0.14
Potassium (mmol/L)	4.57±0.51	4.13±0.65	4.65±0.60	0.04
Chloride (mmol/L)	103 (92-122)	106 (96-119)	106 (98-130)	0.17
Calcium (mg/dL)	8.81±1.29	8.66±.91	8.80±1.20	0.38
Phosphorus (mg/dL)	3.6 (2.3-6.2)	3.9 (1.1-6.1)	4.3 (0.9-9.9)	0.61
Apelin-13 level (pg/mL)	1808 (366.9-4000)	656.9 (278.5-4000)	399.4 (172.8-933.8)	**0.002**
Galectin-3 level (ng/mL)	1.7 (0.4-17.9)	4.8 (0.47-58)	21.2 (7.7-52.1)	**<0.001**

Data presented as number (percentage), mean ± standard deviation, or median (interquartile range). Severity of PARDS was described based on OI: oxygenation index value which was calculated based on MAP x FiO_2/PaO_2. Mild PARDS was defined as 4≤OI<8, moderate as 8≤OI<16 and severe as ≥16. ALC: absolute lymphocyte count, ALT: alanine aminotransferase, ANC: absolute neutrophile count, ARDS: acute respiratory distress syndrome AST: aspartate aminotransferase, CRP: C-reactive protein, FiO_2: Fraction of inspired oxygen, MAP: Mean arterial pressure, PaO_2: Partial arterial oxygen pressure, PARDS: Pediatric acute respiratory distress syndrome, PRISM: pediatric risk of mortality, RBC: red blood cell, WBC: white blood cell.

Supplementary Fig. S1. ROC Curve for Galectin – 3 diagnosing PARDS

AUC: area under curve, CI: confidence interval,
PARDS: pediatric acute respiratory distress syndrome,
ROC: receiver operating characteristics.