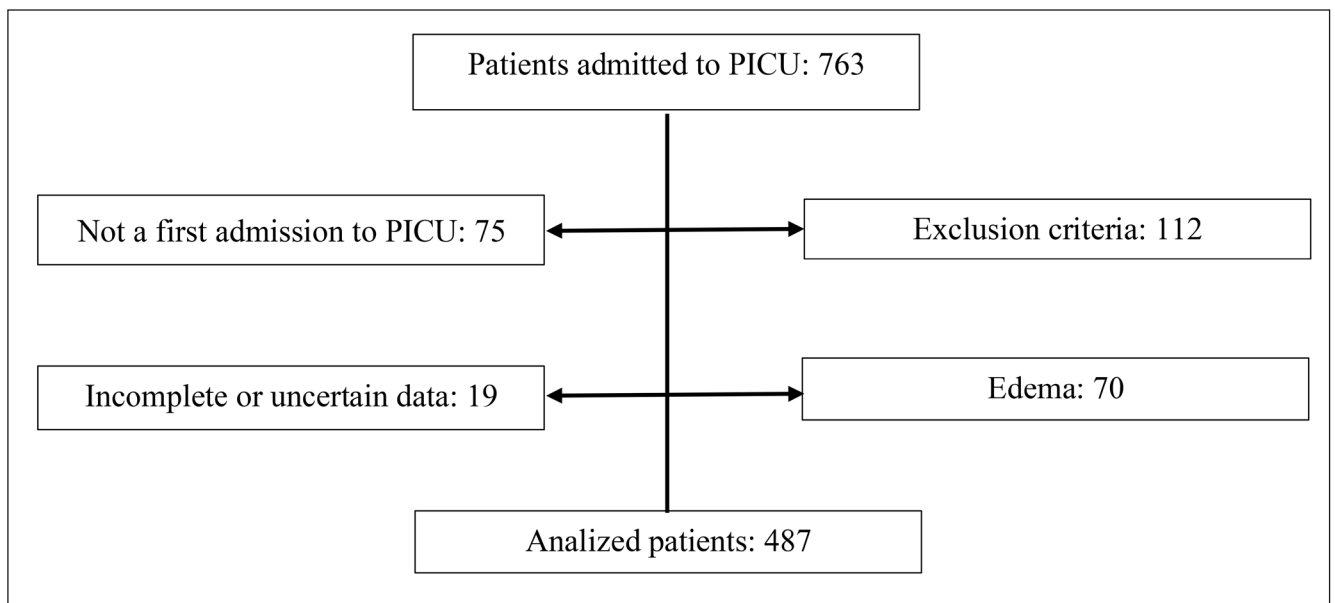


Nutritional status in children in Intensive Care Unit: a cohort study

Estado nutricional en niños de una Unidad de Cuidados Intensivos:
estudio de cohorte



Supplementary Figure 1. Study flowchart (april 2018 – march 2020). PICU: Pediatric Intensive Care Unit.

Supplementary Table 1. Multivariate analysis of mortality

Characteristic	Crude analysis RR (IC 95%)	<i>p</i>	Adjusted analysis [†] RR (IC 95%)	<i>p</i>
Age (months)			1.0008 (0.996 - 1.005)	0.745
Sex (male)			1.351 (0.740 – 2.465)	0.327
Nutritional diagnosis	Reference		Reference	
Underweight	0.720 (0.344 - 1.508)	0.384	0.912 (0.429 - 1.939)	0.812
Normal weight				
Overweight	0.357 (0.122 - 1.047)	0.061	0.733 (0.261 - 2.057)	0.555
Postoperative			0.837 (0.386 - 1.814)	0.652
Sepsis			1.587 (0.779 - 3.233)	0.203
Comorbidity			2.475 (1.336 - 4.587)	0.004
PRISM			1.103 (1.055 - 1.152)	< 0.001

[†]AAdjusted for age, sex, PRISM score, Postoperative, sepsis and comorbidity.
PRISM: Pediatric Risk of Mortality Score.

Supplementary Table 2. Multivariate analysis of Healthcare-Associated Infection

Characteristic	Crude analysis RR (IC 95%)	<i>p</i>	Adjusted analysis [†] RR (IC 95%)	<i>p</i>
Age (months)			1.003 (0.99 – 1.00)	0.336
Sex (male)			1.604 (0.82 – 3.14)	0.168
Nutritional diagnosis	Reference		Reference	
Underweight	0.75 (0.30 – 1.73)	0.515	0.805 (0.31 – 2.09)	0.656
Normal weight				
Overweight	0.50 (0.15 – 1.51)	0.236	0.582 (0.18 – 1.87)	0.364
Postoperative			0.138 (0.02 – 1.10)	0.061
Neurologic diagnosis			3.293 (1.36 -7.95)	0.008
Respiratory diagnosis			3.429 (1.29 -9.10)	0.013
PRISM			1.084 (1.0 – 1.13)	< 0.001

Analysis in patients with PICU stay >48 h.

[†]Adjusted for age, sex, PRISM score, Postoperative, sepsis and comorbidity.

PRISM: Pediatric Risk of Mortality Score.

Supplementary Table 3. Multivariate analysis of PICU stay

Characteristic	Crude analysis RR (IC 95%)	<i>p</i>	Adjusted analysis [†] RR (IC 95%)	<i>p</i>
Age (months)			0.99 (0.99 - 1)	0.523
Sex (male)			1.08 (0.91 - 1.29)	0.384
Nutritional diagnosis	Reference		Reference	
Underweight	0.70 (0.52 - 0.93)	0.014	0.91 (0.7 - 1.19)	0.513
Normal weight				
Overweight	0.57 (0.41 - 0.79)	< 0.001	0.79 (0.58 - 1.07)	0.132
Postoperative			0.91 (0.71 - 1.16)	0.435
Neurologic diagnosis			2.55 (1.99 - 3.44)	< 0.001
Respiratory diagnosis			1.99 (1.52 - 2.62)	< 0.001
Comorbidity			1.05 (1.03 - 1.06)	< 0.001
PRISM			1.78 (1.4 - 2.26)	< 0.001

[†]Adjusted for age, sex, PRISM score, Postoperative, sepsis and comorbidity.

PRISM: Pediatric Risk of Mortality Score.