

St. Mary's Hospital Lacor – RBF PROJECT FEBRUARY 2020

First Draft: Evaluation of Clinical Procedures – RETROSPECTIVE STUDY

METHODS:

The study requires a comparison of the quality of management of cases before 2016 and at the end 2020 of the RBF project. A first attempt to explore the charts of 2016 was planned. From the Clinical Charts of the Children's Ward of cases discharged in February 2016, we have selected 50 consecutively discharged cases with:

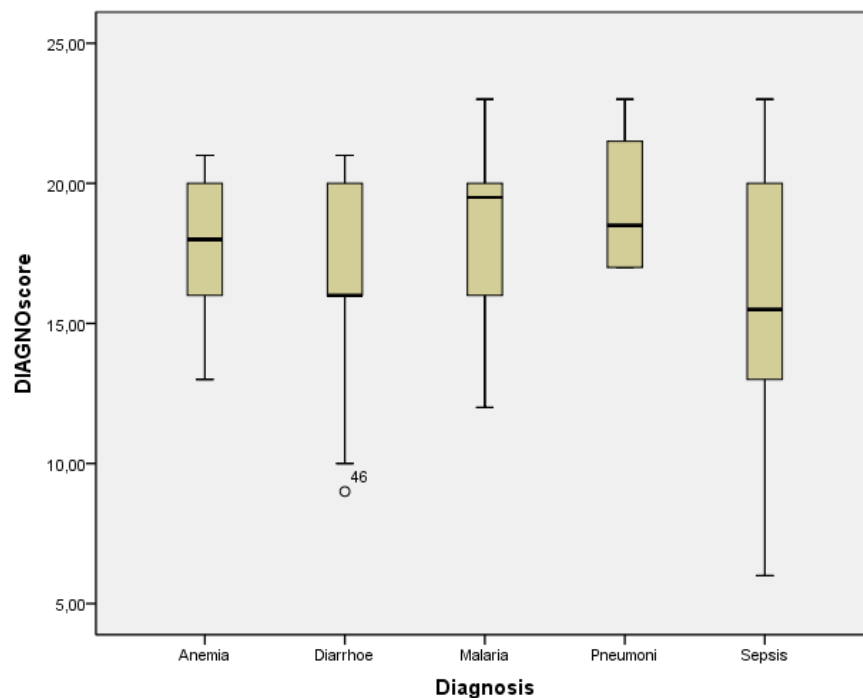
- at least 48 hours of permanence in the hospital
- diagnosis at discharge among those evaluated in the RBF project

For each clinical charts two independent post-Doc in Pediatrics (Dr. Maria Amato and Dr. Antonella Luglio) have assigned 10 + 6 Quality marks for the Diagnostic and Treatment procedures respectively.

A score for each area was obtained by sum of the obtained marks for each item and a global score was also computed.

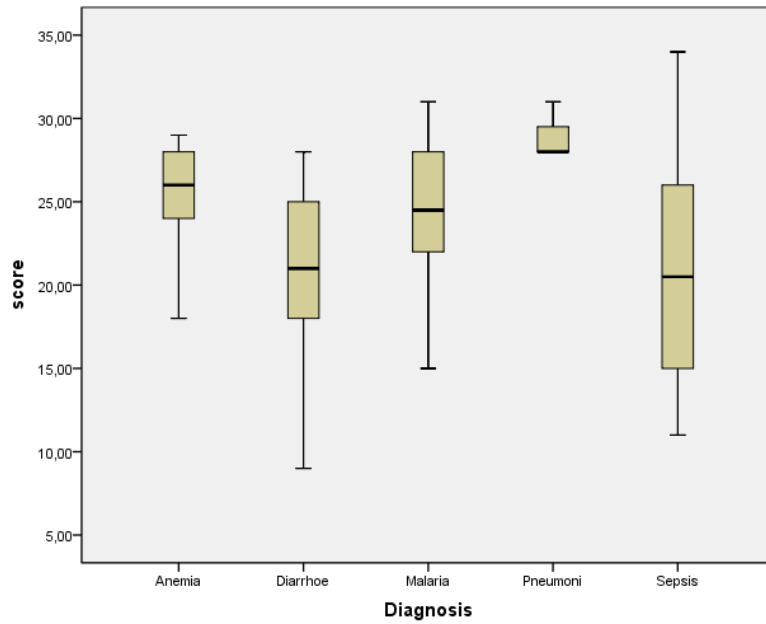
RESULTS

		Diagnosis			
		Frequenza	Percentuale	Percentuale valida	Percentuale cumulata
Validi	Anemia	5	10,0	10,0	10,0
	Diarrhoea	17	34,0	34,0	44,0
	Malaria	14	28,0	28,0	72,0
	Pneumonia	4	8,0	8,0	80,0
	Sepsis	10	20,0	20,0	100,0
	Totale	50	100,0	100,0	



DIAGNOscore

TOTAL score



Report

Score

Diagnosis	Media	N	Deviazione std.
Anemia	25,0000	5	4,35890
Diarrhoea	20,9412	17	4,80196
Malaria	24,1429	14	4,20361
Pneumonia	28,7500	4	1,50000
Sepsis	21,3000	10	7,16550
Totale	22,9400	50	5,37344

Tabella ANOVA

			Somma dei quadrati	df	Media dei quadrati
score * Diagnosis	Fra gruppi	(Combinati)	271,315	4	67,829
	Entro gruppi		1143,505	45	25,411
	Totale		1414,820	49	

Tabella ANOVA

			F	Sig.
score * Diagnosis	Fra gruppi	(Combinati)	2,669	,044
	Entro gruppi			
	Totale			