

Use of IV closed systems after quality program implementation in Valencian Community hospitals

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Introduction

Intravenous therapy (IT): most common procedures practiced by nurses in specialized pediatric and neonatal care.

A quality indicator (INCATIV index) have been designed to improve the quality care of IT in the paediatric population.

This indicator will be used in a main project called INCATIV PEDIATRICO.



Methodology

A Delphi study was conducted with three rounds to a group of renowned experts in the field of vascular access in paediatrics (13 clinical nurses, research nurses, nurses professors, and nurses supervisors)

- Selection of the main variables.
- 10 points among variables.
- Anonymized results.
- Ad hoc design sheet (Excel program)

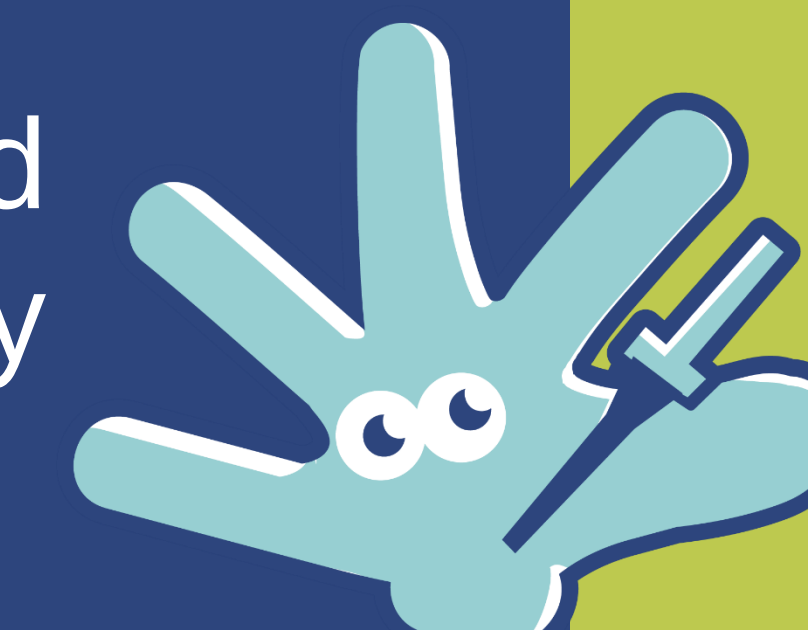
Results

1º round: Delphi Group selected eleven variables for the "INCATIV index".

2º round: only the score of three variables exceeded the weighting of 1 point out of 10. And only 1 variable did not reach a score greater than 0.4.

3º round: the first 3 variables reached greater power in the INCATIV index. And all the variables reached a score greater than 0.4.

A consensual data collection notebook will be used between the research team formed homogeneously by nursing professionals from each hospital.



Conclusion

There was consensus among experts when defining the power of the different items of the INCATIV index. This can be used in the INCATIV PEDIATRICO project.