

Research Priorities for U.K. Pediatric Critical Care in 2019: Healthcare Professionals' and Parents' Perspectives

Tume et al. (2021)

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For which topic were research priorities identified?

pediatric critical care

In which location was the research priority setting conducted?

Europe - United Kingdom

Why was it conducted at all?

In planning research, it is vital to prioritize resources in the most relevant areas, bringing together the views of patients, carers, and clinicians. No such exercise has been undertaken for pediatric critical care.

What was the objective?

to identify and agree on research priorities in pediatric critical care in the United Kingdom both from a healthcare professional and parent/caregiver perspective

What was the outcome?

a ranking list of 20 research topics

How long did the research prioritization take?

April 2018 - December 2019

Which methods were used to identify research priorities?

Delphi; survey

How were the priorities for research identified exactly?

Step 1: 3-round Delphi with healthcare professionals: Delphi round 1: participants were asked to submit a maximum of three research topics, 121 topics were submitted. Step 2: data analysis: submissions were analyzed and categorized, resulting in 73 items in 8 domains. Step 3: Delphi round 2: participants were asked to rate importance of 73 topics. Step 4: Delphi round 3: participants asked to re-rate importance of 55 topics, resulting in top 20 research topics. Step 5: survey with parents and families of children who had an admission to PICU, survey with the top 20 questions/topics prioritized by healthcare professionals, participants were asked to rate importance of the 20 topics

Which stakeholders took part?

Delphi round 1: 49 U.K. PICU healthcare professionals. Delphi round 2: 98 participants. Delphi round 3: 102 participants. Survey: 97 parents and family members.

How were stakeholders recruited?

All PICU nurse managers were contacted and their PICU asked to participate. Children and family members also could access an electronic version. Finally, three charities disseminated the link to their members.

Were stakeholders actively involved or did they just participate?

Stakeholders were mere participants of the research prioritization process; they were not actively involved in the process.