

# PREDICT Prioritization Study: Establishing the Research Priorities of Paediatric Emergency Medicine Physicians in Australia and New Zealand

Deane et al. (2018)

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## **For which topic were research priorities identified?**

paediatric emergency medicine

## **In which location was the research priority setting conducted?**

Australia - Australia; Australia - New Zealand

## **Why was it conducted at all?**

The Paediatric Research in Emergency Departments International Collaborative (PREDICT) performs multicentre research in Australia and New Zealand. Research priorities are difficult to determine, often relying on individual interests or prior work.

## **What was the objective?**

to identify the research priorities of paediatric emergency medicine specialists working in Australia and New Zealand

## **What was the outcome?**

a ranking list of 35 research questions

## **How long did the research prioritization take?**

No information provided.

## **Which methods were used to identify research priorities?**

Delphi

## **How were the priorities for research identified exactly?**

Step 1: Delphi round 1: participants were asked: Thinking about your clinical practice in the field of paediatric emergency medicine, what are the most important research questions that need addressing?, participants then asked to submit up to three research questions in PICO format, 246 research questions submitted. Step 2: data processing: questions collated, reviewed, 35 questions remaining. Step 3: Delphi round 2: participants were asked to rate each question: Thinking about your clinical practice in the field of PEM, how important are the following questions to you in terms of need for future research?. Step 4: Delphi round 3: participants were asked to rate each research question in three domains: prevalence, seriousness, feasibility, Hanlon Process of prioritization (HPP) score calculated

## **Which stakeholders took part?**

Senior paediatric emergency medicine physicians. 168 participants.

## **How were stakeholders recruited?**

Participants were consultants and senior advanced trainees in PEM from 14 PREDICT sites.

## **Were stakeholders actively involved or did they just participate?**

Stakeholders not only participated but were also actively involved in the research prioritization process: They were part of an expert steering group. The steering group consisted of 10 PEM physicians. The members were involved in data processing.