

Patient and Public Involvement and Engagement (PPIE) in Pediatric Health Research: A Systematic Review

M. Sc. Veronika Stadler

Department of Intensive Care and Neonatology, University Children's Hospital Zurich and Children's Research Center, University of Zurich, Zurich, Switzerland



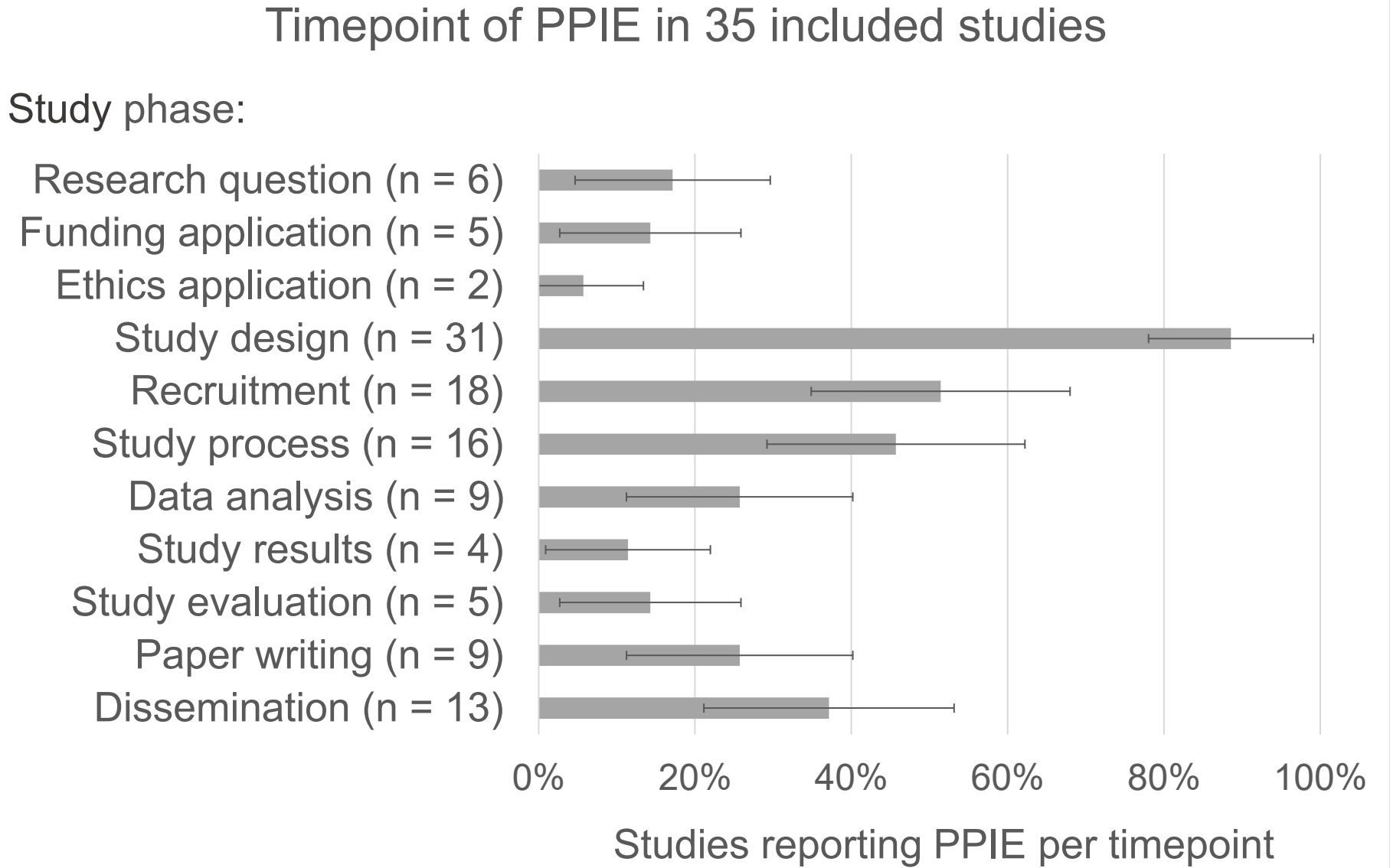
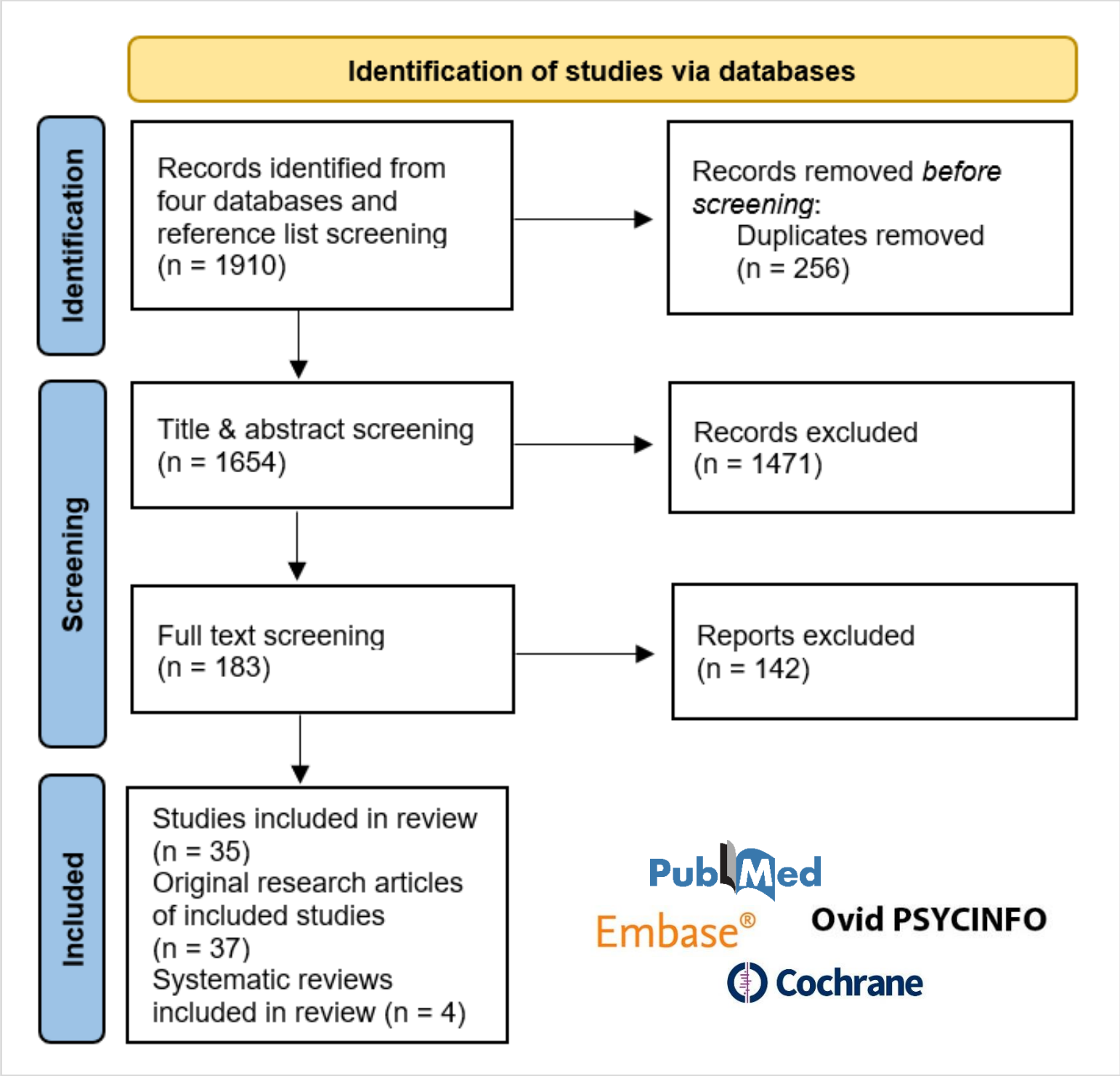
Aim

Systematically review characteristics of PPIE participants, timepoints, methods, benefits and challenges of PPIE in pediatric health research studies

PROSPERO
Protocol Registration



Results: Most studies conducted PPIE in study design phase



Results: PPIE brings benefits and challenges for research and PPIE participants

	▶ Benefits of PPIE	▶ Challenges of PPIE
Research 	• Increased recruitment and retention rates • Stronger relevance of study findings • Reduced burden for study participants	• Financial and time resources • Recruitment of representative PPIE participants
PPIE Participants 	• Learning about research and health condition • Connections with people in similar life situations	• Frame for PPIE impact created by researchers • Intimidation by researchers and power imbalance between adults and children

Conclusions

- **PPIE is valuable** in pediatric health research.
- Researchers should **adhere to guidelines for PPIE conducting and reporting** to facilitate mutual learning.

Authors & Affiliation

Authors:

Veronika Stadler^{1,2}, Rebeca Mozun¹, Jannik Strohm^{1,2}, SwissPedHealth consortium³, Chloé Caruso⁴, Klara M. Posfay-Barbe^{4*}, Cornelia Hagmann^{1,2*}

*These authors contributed equally and share last authorship.

Affiliations:

¹Department of Intensive Care and Neonatology, University Children`s Hospital Zurich and Children`s Research Center, University of Zurich, Zurich, Switzerland

²Faculty of Medicine, University of Zurich, Zurich, Switzerland

³See list of the SwissPedHealth consortium under Collaborators

⁴Division of General Pediatrics, Department of Women, Child and Adolescent, University Hospitals of Geneva & Faculty of Medicine, University of Geneva, Geneva, Switzerland

Collaborators:

SwissPedHealth consortium: Andrea Agostini, Anita Rauch, Audrey van Drogen, Aurélie Martin Necker, Ben D Spycher, Christian Kahlert, Christopher B Forrest, Claudia E Kuehni, Cornelia Hagman, D Sean Froese, Daphné Chopard, Dylan Lawless, Effy Vayena, Eirini I Petrou, Emanuele Palumbo, Eric Giannoni, Fabiën N Belle, Ioannis Xenarios, Jacques Fellay, Jana Pachlopnik Schmid, Julia A Bielicki, Julia E Vogt, Kathrin Hofmann, Katrin Männik, Keith Harshman, Kelly Ormond, Klara Posfay-Barbe, Léa Ho Dac, Lorenz M Leuenberger, Luregn J Schlapbach, Manon Jaboyedoff, Mariam Ait Oumelloul, Martin Stocker, Matthias R Baumgartner, Nicola Zamboni, Nicole Goebel, Patrick G A Pedrioli, Philipp Latzin, Rebeca Mozun, Roger Lauener, Sandra Goetze, Seraina Prader, Simon Boutry, Sven Schulzke, Tatjana Welzel, Thomas M Sutter, Varvara Dimopoulou, Vito Rt Zanutelli, Xenia Deligianni, Xenia Bovermann, Yara Shoman, Anna Hartung