



School of Medicine

Pediatrics

Pediatric Respiratory Video Curriculum for Parents & Guardians

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Background

- Respiratory distress is a common symptom
- More than 150 million cases of pneumonia annually

Existing Resources

- YouTube videos exist to mainly educate healthcare providers but there are no videos to educate parents about signs and symptoms of pediatric respiratory distress
- Most resources have difficult medical terminology that aren’t at the level of parents' literacy

Objective

To assess parents' preferences on a video about signs and symptoms of pediatric respiratory distress and what to do when their child is experiencing breathing difficulties.

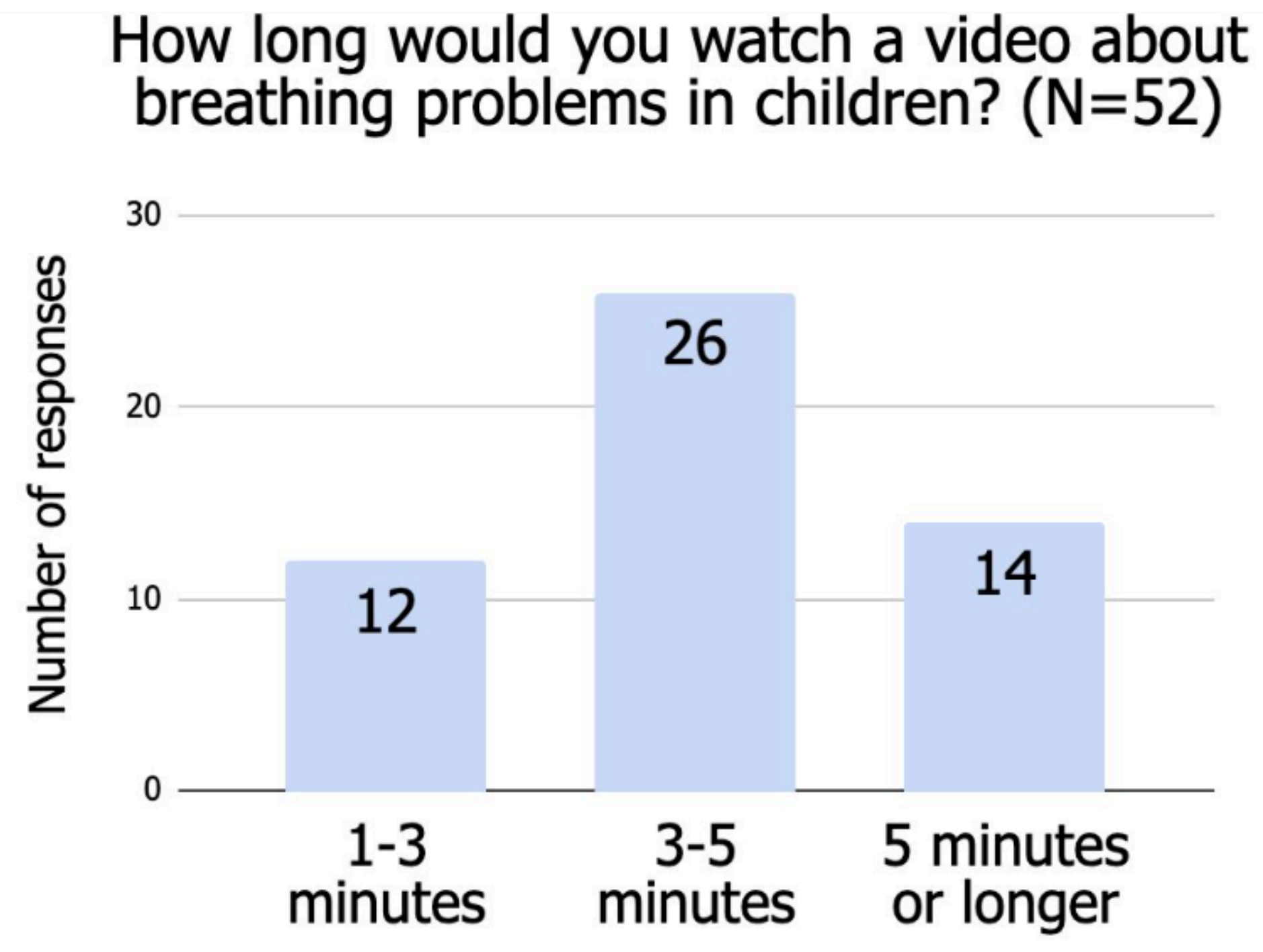
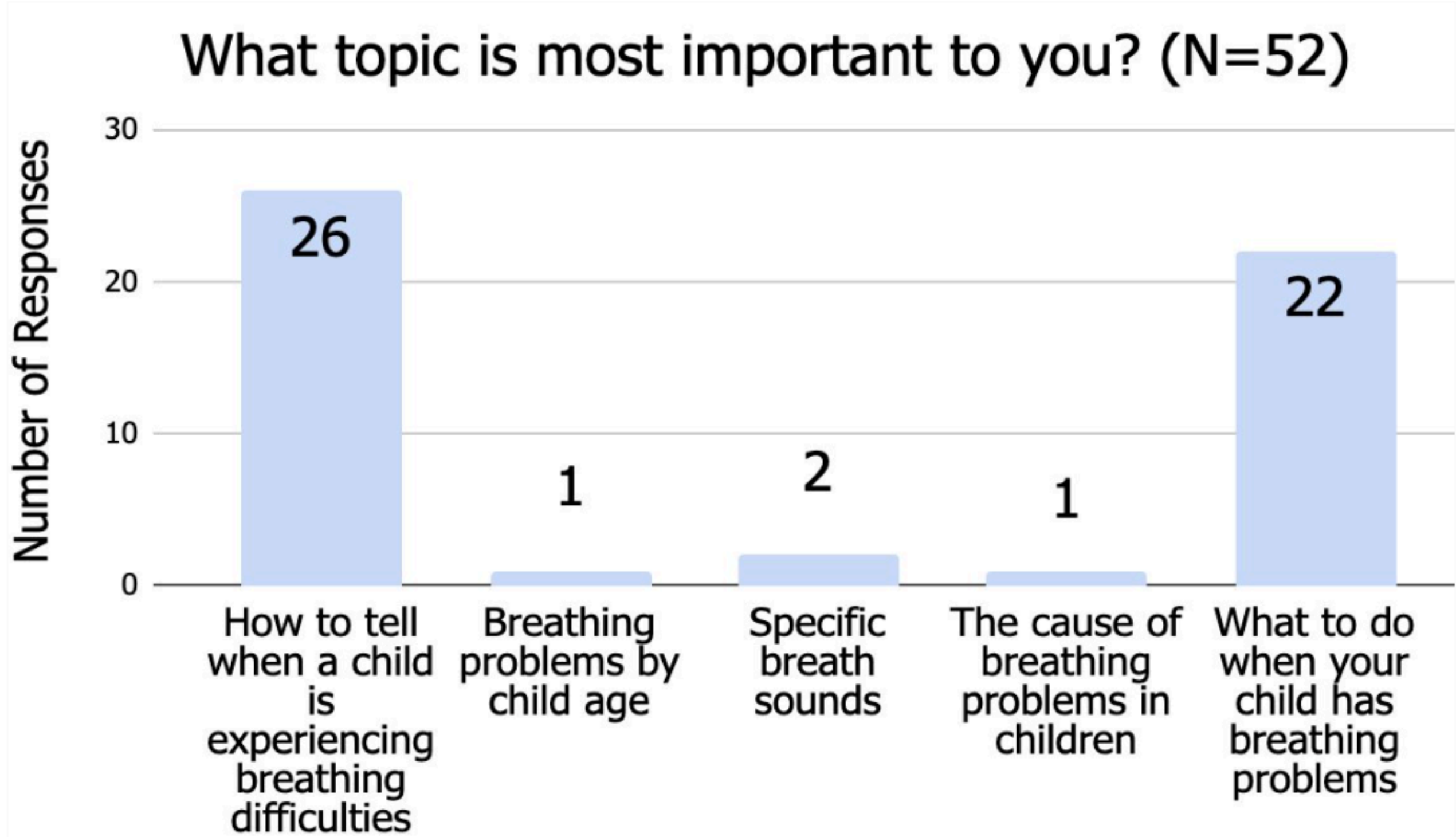
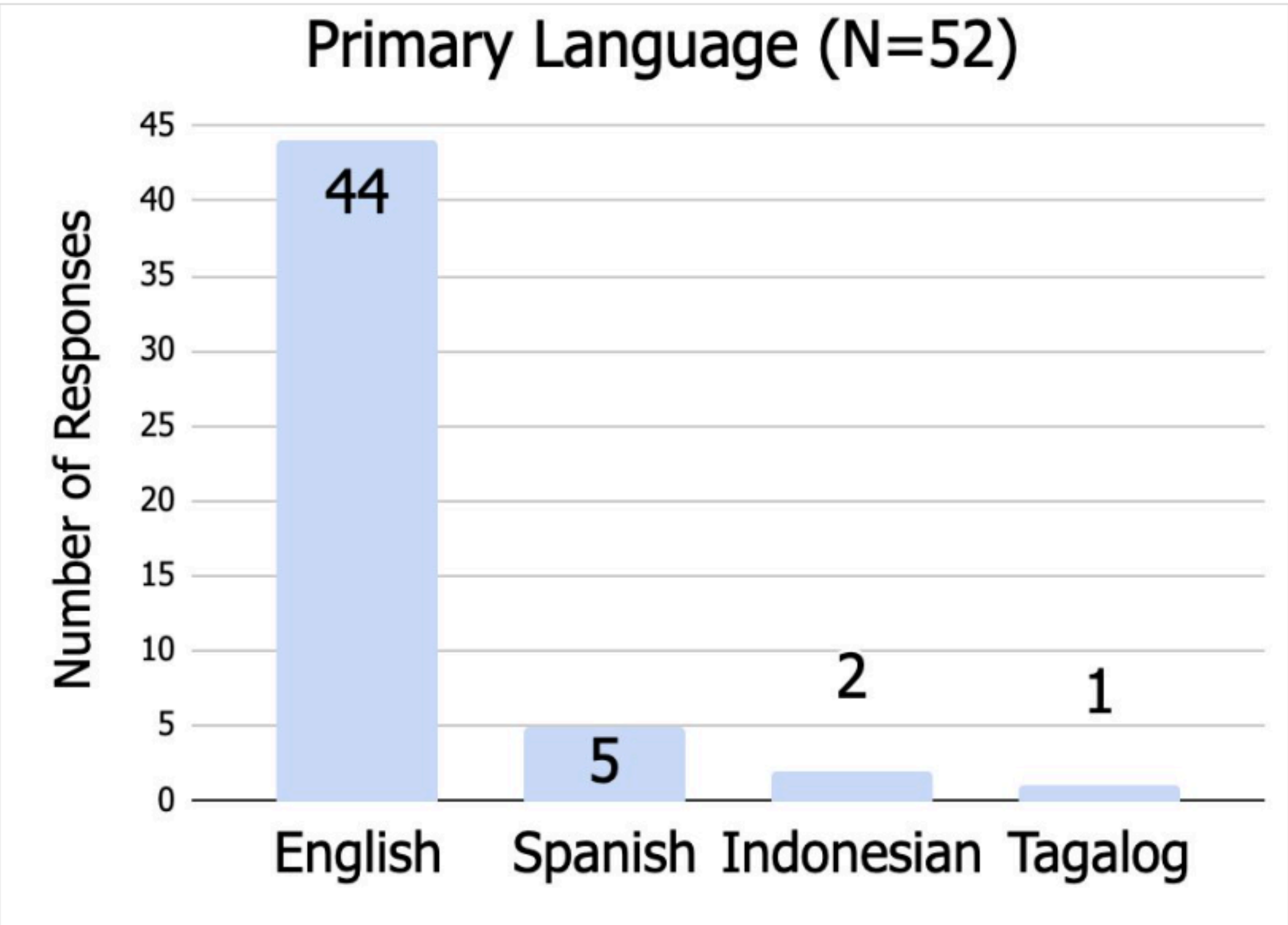
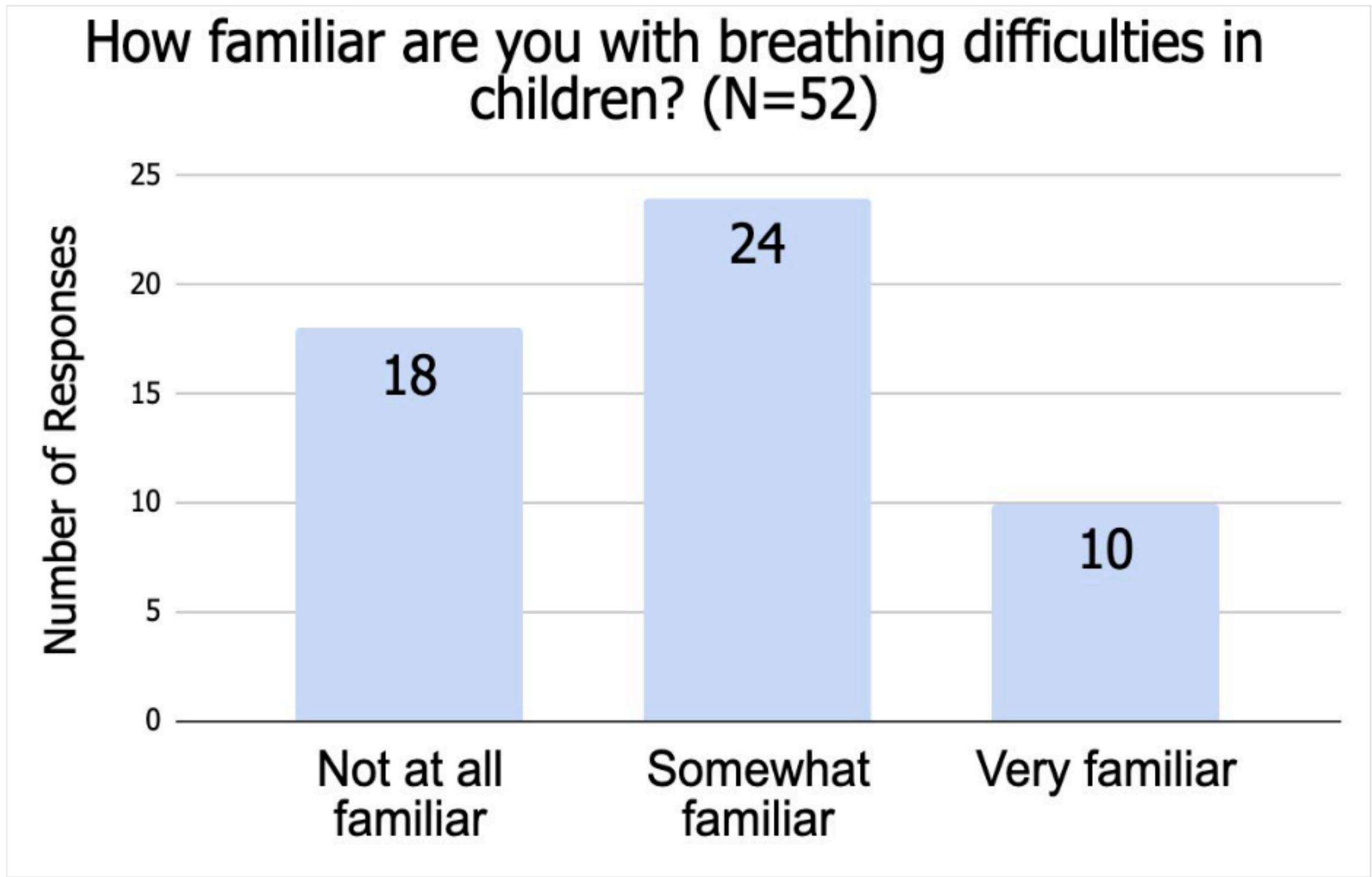
Methodology

- IRB-exempt
- Brief and anonymous needs assessment survey for parents affiliated with Stanford Children's Health
- Feedback from the Stanford Children's Health (SCH) Family-Centered Care (FCC) for survey design

Results

- 52 parents completed the survey
- 46% of parents are somewhat familiar with breathing difficulties in children, 19% of parents are very familiar, and 35% of parents are not at all familiar with it
- Parents’ races included Asian, White, Black, Latinx or Hispanics, or Native Hawaiian or Other Pacific Islander

Results from needs assessment survey



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Limitations

- Survey population size is fairly small

Conclusion

- Parents want to be educated about pediatric respiratory distress
- Needs assessment survey indicated that parents are interested in how to tell and what to do when their child has breathing difficulties
- Developed a script to be made into an educational video curriculum that will be shared with communities

Future Direction

- Develop a video to be piloted & receive feedback for necessary feedback
- Distribute video to YouTube & other big social media platforms
- Translate video to different languages to distribute globally

References

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