

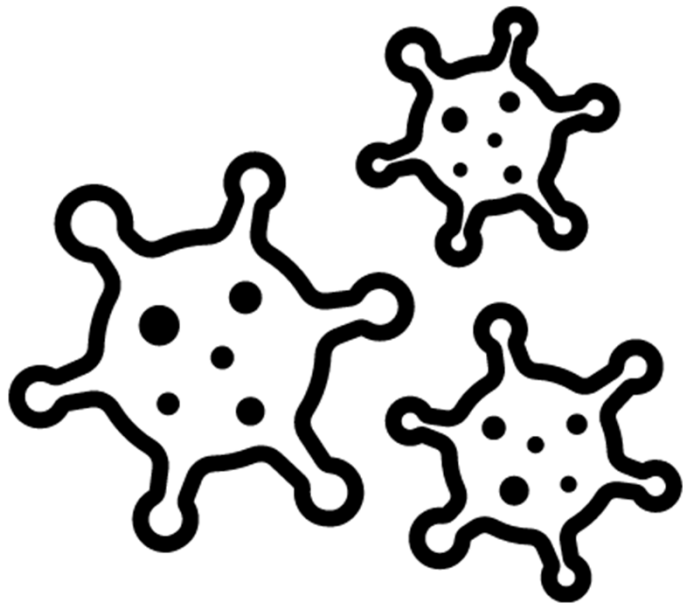


# Lessons Learned from an Academic Half Day on Telehealth and Teleneurology with Pediatric Resident Physicians

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# The Problem

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- Insufficient familiarity with virtual platform
- Need to conduct effective evaluation
- Need to deliver compassionate care virtually

# The Problem

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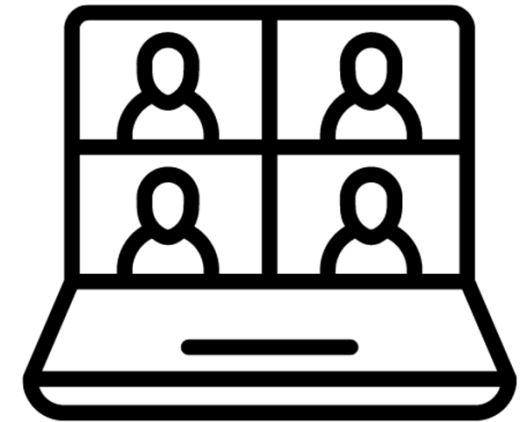
Combat neurophobia



Adapt clinical skills



Facilitate discussion & engagement

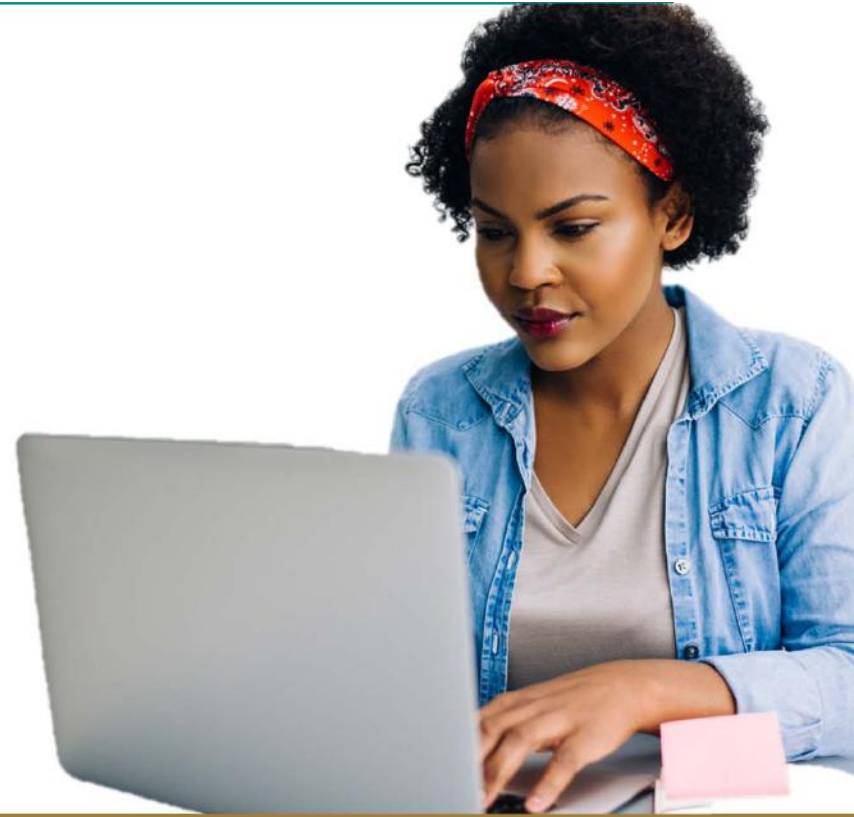


Teaching virtually

# Program Objectives

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1. Discuss the advantages and limitations of telehealth in the pediatric population
2. Adapt to common challenges during the telehealth visit
3. Deliver an age-appropriate neurological examination virtually



# Program Description

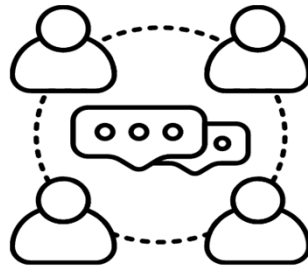
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## 3 hour session



### Telehealth introduction

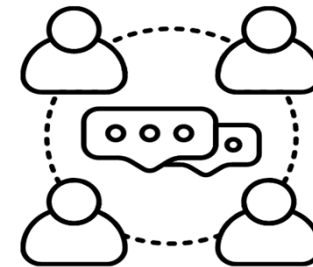
- ✓ Advantages
- ✓ Disadvantages
- ✓ Adaptations to challenges



### Telehealth general cases in breakout groups



### Teleneurology introduction



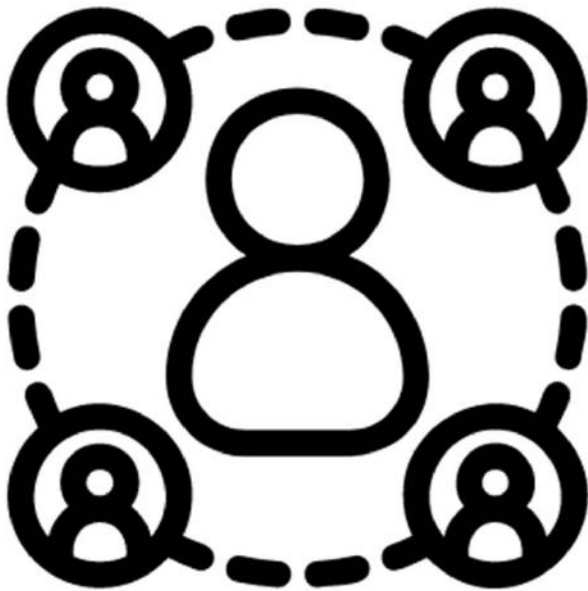
### Teleneurology cases in breakout groups



### Teleneurology case review

# Program Description

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## Each group

- Resident & attending moderator
- 1 general telehealth case
- 2 neurology telehealth cases

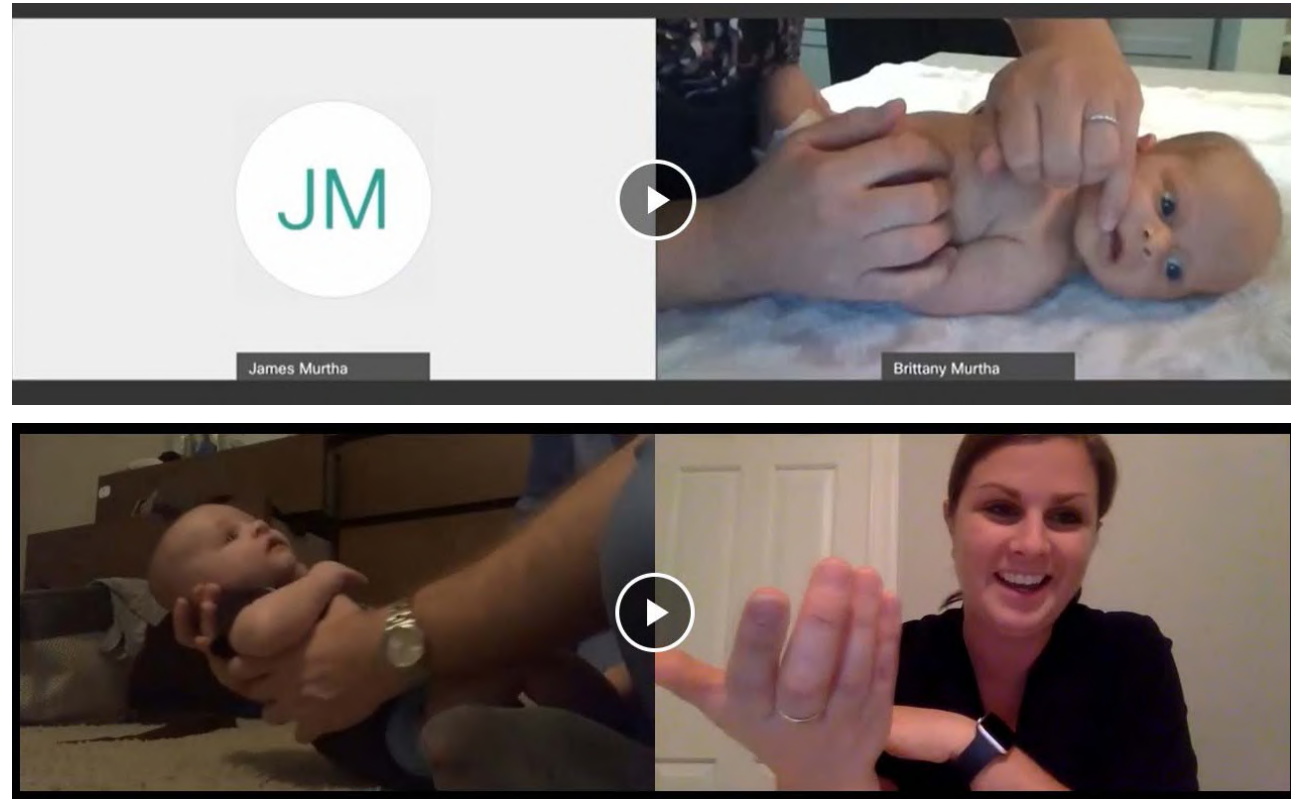
## Each case

- Focused on specific aspect of exam
- Board relevant cases
- Clinical exam adaptations by age & modality
- Treatment considerations (including appropriateness for telehealth)

# Program Description

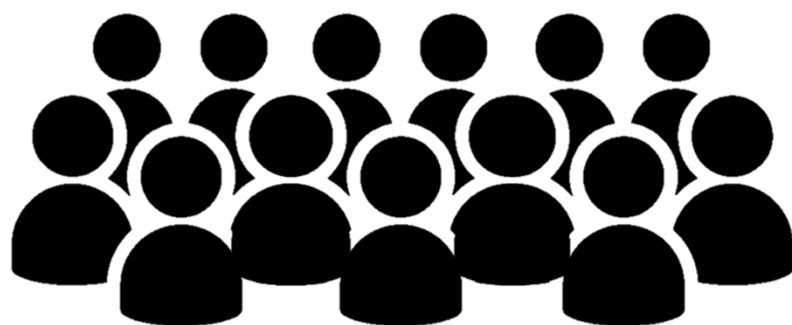
Example Case Concepts:

- Infantile reflexes
- Cerebral palsy
- Developmental progression



# Post-AHD Assessment

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56% response rate



Content delivered  
Effectiveness of content  
Helpful for board prep  
Using material in practice  
Small group interactions  
Neurologist moderators  
Video demonstrations  
Telehealth focus



# Lessons Learned

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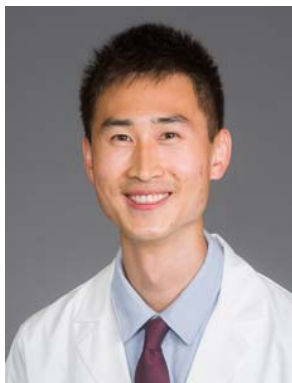
- ✓ Virtual small group discussions were effective & successful
- ✓ Less “lecture” & more active learning
- ✓ Less cases with more discussion time
- ✓ Cases with built in breaks



# Special thanks

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Medical student & 1<sup>st</sup> author



Sean Kuei-Hsin Wang, 2025

Faculty



Lauren Strauss, DO



Trey Bateman, MD

Residents



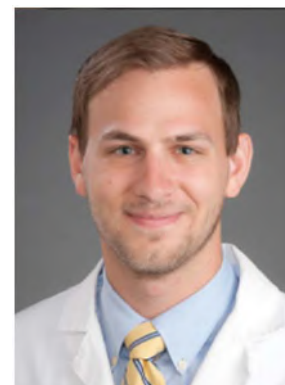
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