


Implementing a standardized screening pathway with a secure file transfer system for infants at high-risk of Cerebral Palsy in BC

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Why does this matter?

- Currently in British Columbia (BC) Canada, the lack of a standardized cerebral palsy (CP) diagnostic pathway remains a challenge to provide CP early detection at a population-level.

What did we do?

- The Early Motor Screening Program (EMSP) was launched in June 2022 to provide early detection and care direction to infants at high risk of CP in BC.

Objectives:

- To fill the CP early detection gap using high yield assessments and address equity by implementing a virtual assessment pathway
- To screen and provide care direction to all high-risk infants for CP in BC

Virtual Appt. Satisfaction Survey: Overall experience

I am satisfied with the overall experience.



I understood what the next steps are for my child (for example: referral to other clinics or services).



I understood the information in the appointment summary.



The appointment was beneficial to my child and family.



Video Transfer Platform experience

Taking a video of my child and sending it to the program was less stressful than having an in-person appointment for the assessment.



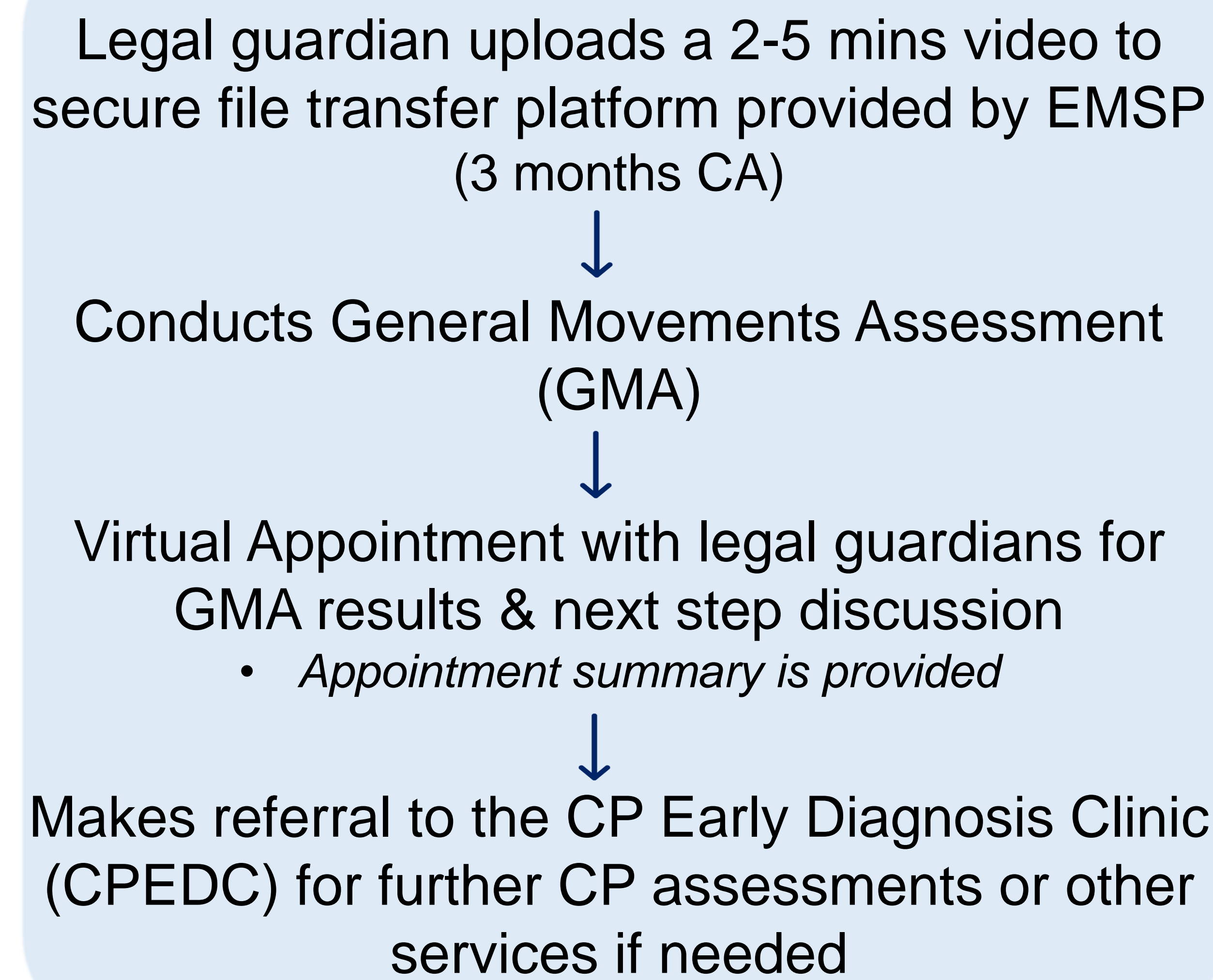
I was able to read and understand the instructions provided to upload and send the video.



I felt confident that my video was going to the intended team.



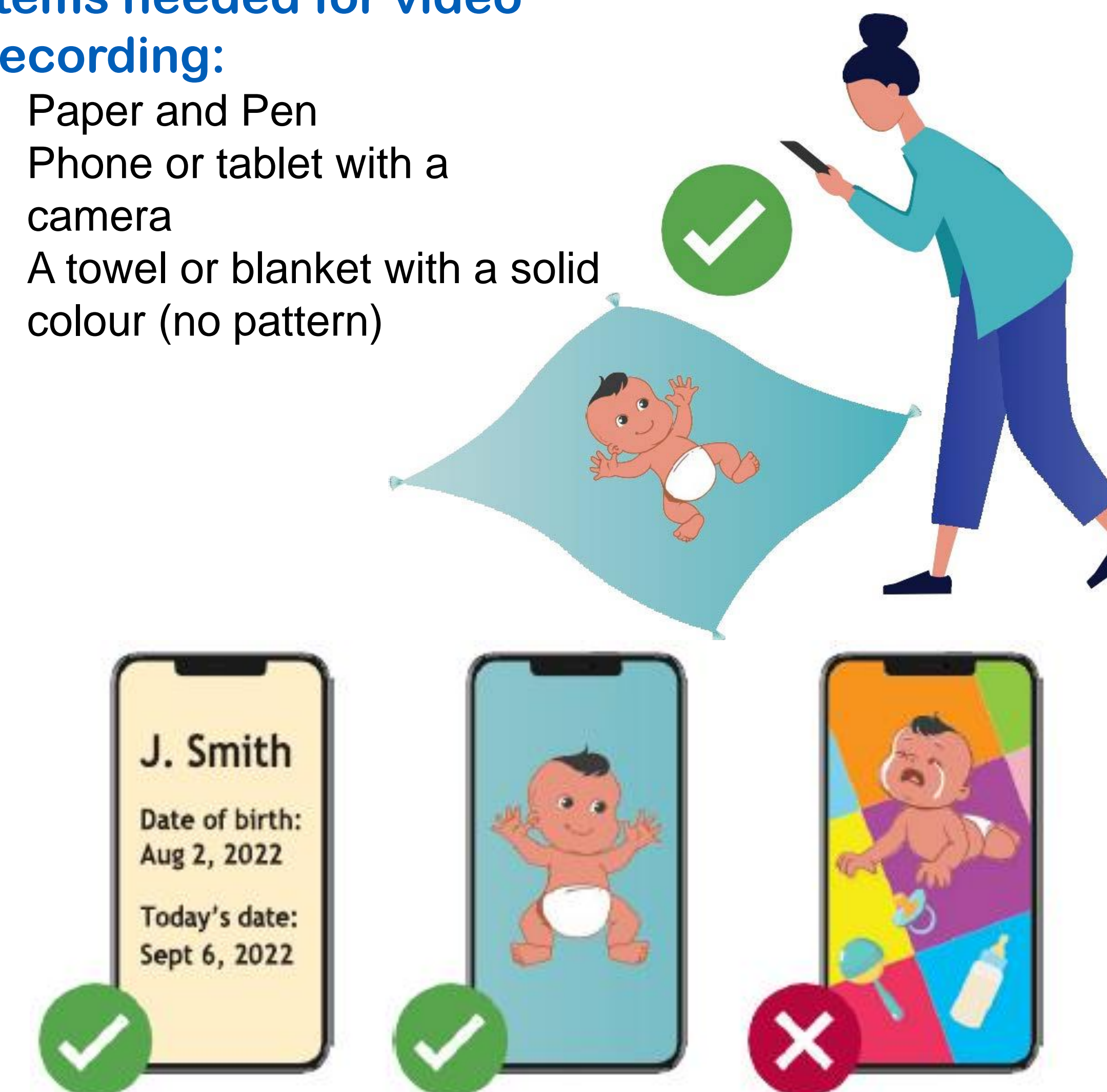
Early Motor Screening Program



A step-by-step video recording & upload guideline is provided to legal guardians.

Items needed for video recording:

- Paper and Pen
- Phone or tablet with a camera
- A towel or blanket with a solid colour (no pattern)



Standardized Service Delivery in:

- Identification and surveillance of high-risk infants
- Quality of care & enhance patient experience
- Referrals for CP early diagnosis and support

EMSP intake criteria

Based on evidence review of high-risk factors of CP

- < 4 months corrected age
- NOT completed GMA during fidgety phase
- NOT referred to the fidgety phase GMA by other program (e.g. Neonatal Follow-Up Program)
- Demonstrates at least one of the risk factors

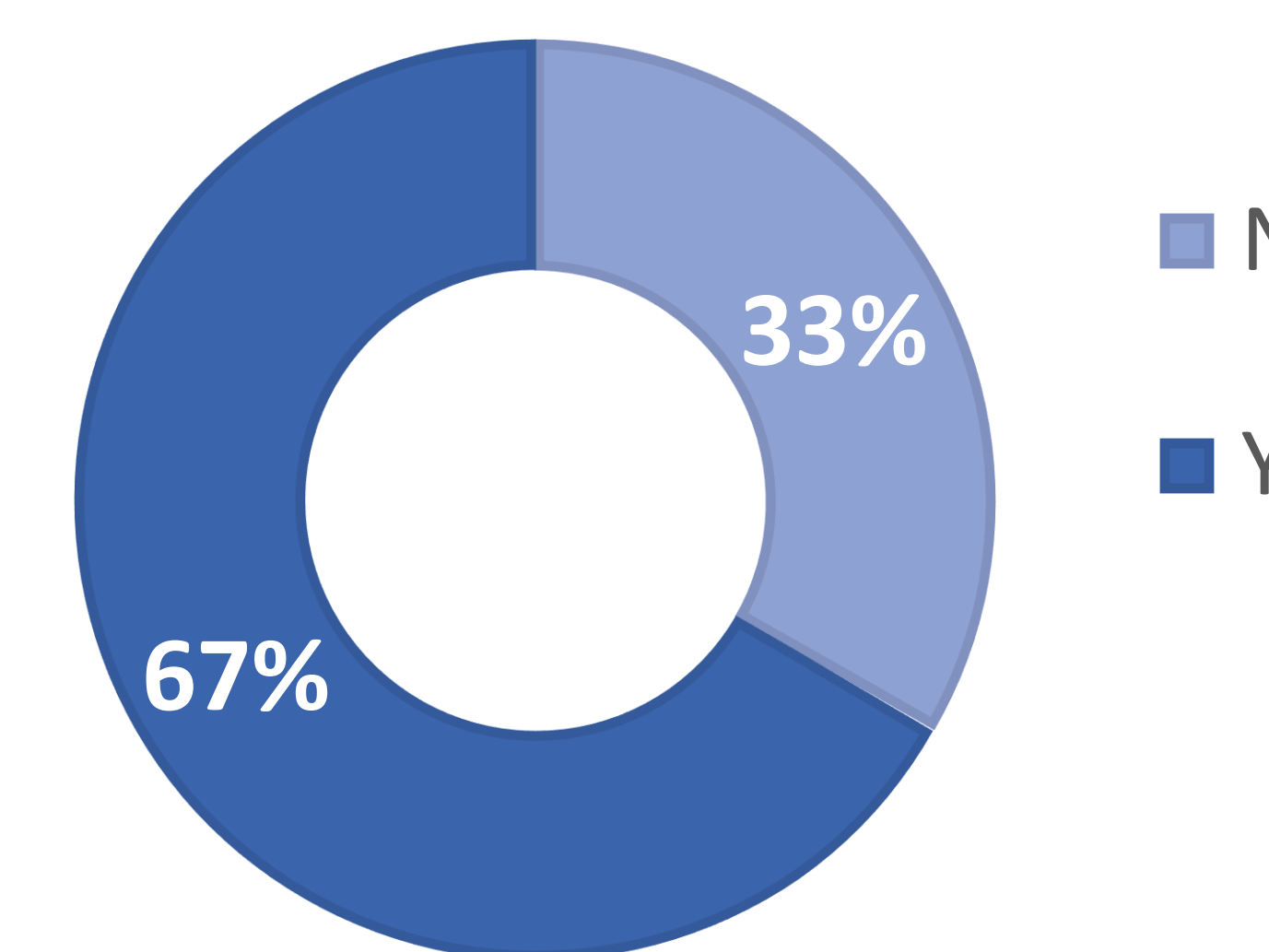
Following The [AACPDM](#) Care Pathway for early detection of CP

Outcomes & Significance

Jun 2022 – Oct 2023

# of referrals accepted	54
# of children assessed (Virtual appt.)	14
# of children assessed (In-person appt.)	7
Mean Admission Age (month)	1 ± 1

EMSP PATIENTS REFERRED TO CPEDC



Next Step:

Promotes awareness of CP risk factors for early detection among community & primary care clinicians

We are scaling up: Capacity increases to 700-800 patients per year

Positive Family Feedback

"I appreciated not having to come in. I have another child, my own appointments, and this baby's other appointments already and it is a lot."

"Easy to complete, fast, and feedback received promptly and kindly."

"The follow up email was informative and I liked that they offered to give their email to anyone else following my son."

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Sunny Hill Health Centre

BC Children's Hospital™

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THE UNIVERSITY OF BRITISH COLUMBIA
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Department of Pediatrics | Faculty of Medicine

Learn more about Sunny Hill Health Centre at BC Children's Hospital

