

Introducing Paediatric Project ECHO®

a virtual medical education program, to medical residents in complex care.

Diskin, C., Laloo, C., Stinson, J., Jiwan, A., Ho, M, Cohen, E., Orkin, J.

Background

- Care of children with medical complexity (CMC) is a focus of *Paediatric Project ECHO®* at The Hospital for Sick Children in Toronto, Canada.
- *ECHO®* (Extension for Community Healthcare Outcomes) is a medical education program designed to improve healthcare access by facilitating knowledge transfer and best-practice care to community healthcare providers.
- ZOOM videoconferencing technology facilitates the delivery of monthly virtual TeleECHO clinics (didactic presentations and case discussions).
- Paediatric residents (trainees) have not participated in this program to date.



Paediatric Project ECHO® is an acceptable educational model to support resident learning in the care of children with medical complexity.



Email
catherine.diskin@sickkids.ca

Website
www.sickkids.echoontario.ca

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Aim

Introduce the ECHO concept to residents during a complex care teaching session and evaluate its acceptability as an educational model.

How

Authentic TeleECHO experience was facilitated with adaptation to support residents (targeted introduction and debrief).

Results

Surveys collected from N=38 residents

80% First TeleECHO clinic attended

86% Joined clinic using both audio & video

89% Perceived unique value in ECHO format

79% Would consider future participation in monthly TeleECHO clinics

Comfort*	Mean (SD)
Learning via ZOOM	5.2 (XX)
Participating in case discussion ¹	4.5 (XX)

*Rated on Likert scale where 1=strongly disagree; 7=strongly agree
¹ Discomfort was related to presence of staff physicians and other specialists in the TeleECHO clinic.



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