Introducing **Paediatric Project ECHO**

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

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**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.**

**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**

<table>
<thead>
<tr>
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<th>Mean (SD)</th>
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<tbody>
<tr>
<td>Learning via ZOOM</td>
<td>5.2 (XX)</td>
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<tr>
<td>Participating in case discussion*</td>
<td>4.5 (XX)</td>
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*Rated on Likert scale where 1=strongly disagree; 7=strongly agree
* Discomfort was related to presence of staff physicians and other specialists in the TeleECHO clinic.