



PEDIATRIC CRITICAL CARE PROJECT

The **REACH OUT** Newsletter provides information on the Pediatric Critical Care Initiative – work led in collaboration by BC Children's Hospital PICU Team and Child Health BC with the vision to better support both the critically ill children while they are in their home community, as well as the clinicians who care for them.

THE PROJECT GOALS

Workstreams	What we did:	
P-VCS PICU Virtual Clinical Support: Support the remote care of critically ill children, and provide timely clinical follow-up to the sending team of transferred PICU patients.	Inform the evaluation outcomes: <ul style="list-style-type: none"> Data demonstrates that there were 99 video calls through Zoom from June 25, 2024, to March 31, 2025 with 100% of the calls being successfully connected. Survey of interdisciplinary providers (n=68) demonstrated: <ul style="list-style-type: none"> 94% said Zoom was easy to set up. 90% found it easy to integrate into their workflow and noted reliable video/audio performance. 93% said it improved communication between professionals. 96% felt it improved understanding of the patient's clinical condition. 74% agreed it changed patient clinical management. 88% strongly agreed it supported regional/remote care. 32% agreed it allowed patients to remain locally or in a regional center. This is some of the feedback we received: <ul style="list-style-type: none"> "The use of video completely altered the call. Decisions about which province would support transport and timelines for transported hinged on accurate understanding of the clinical condition. Prior to video this was unclear, but video enable a clear understanding of the patient acuity." "Due to video, we were confident to wait for additional supports to be in place and were able to avoid intubating until after transfer. Great collaboration with remote site and support of adult ICU" "Excellent experience, always value the ease of virtual support in our rural area" Opportunities for support following challenging cases have been outline here.	
Workstreams	What we did:	Next steps:
StEP Education: inter-professional education for health care providers.	<ul style="list-style-type: none"> Since 2023, 180 healthcare providers received in-person training during 6 courses in the regional health authorities. The course improved confidence across 16 pediatric critical care skills. The 8-month follow-up survey in four health authorities shows a sustained confidence in majority areas of training. 72% of participants identified participating in the course has directly benefited patient care and shared the learnings with a colleague. This is some of the feedback received: <ul style="list-style-type: none"> "I really appreciate all of the time and effort put into developing this course and all of the resources. It is by far some of the best CME I've completed to date in 10 years of working. Very much appreciated the Indigenous cultural safety perspectives incorporated. Would be great if this course could accommodate more participants." "I loved the format (lectures and scenarios) and also having PICU experts alongside local experts made things so accessible." "Congrats on putting together a great course - it's going to improve neonatal / pediatric care all over the province! Super useful to have RNs / RTs and MDs together. We'll take the knowledge back and spread the pearls of wisdom to our colleagues!" 	<ul style="list-style-type: none"> Send the 8-months follow-up survey to the StEP participants Co-organize the future courses: <ul style="list-style-type: none"> -2025 locations: October 20th and 21st: Island Health Registration is not open yet. -2026 locations: May 12th and 13th: Interior Health Fraser Health: to be confirmed.
PCCL Case Driven Education: interdisciplinary review of community cases requiring pediatric critical care.	<ul style="list-style-type: none"> More than 1500 participants registered with an average of over 100 participants per session. More than 90% of participants surveyed agreed that the sessions were relevant to their practices. 	<ul style="list-style-type: none"> Debrief and analyze lesson learned from the sessions. Next Session: June 20th at 1 pm. https://phsa.zoom.us/webinar/register/WN_518mUcqxQrCiqtCDzfyWdA#/registration
FOLLOW-UP Follow-Up: develop a feasibility study for a Follow-up network	<ul style="list-style-type: none"> The pilot program has launched to broadly recruit patients post PICU admission who may benefit from additional evaluation and support. The critical care outreach nursing (CCON) team will support patient identification and engagement. Psychology support will be available to families requiring additional support once they have been seen in the clinic. 	<ul style="list-style-type: none"> Ongoing collaboration with Victoria General Hospital PICU. Discussions under way to review opportunities for collaboration between PICU, NICU and Cardiology for shared resources for follow-up.



Photos from our recent in-person training session

PEDIATRIC CRITICAL CARE RESOURCES

- Visit <https://childhealthbc.ca/pcc> to access a one-stop-shop of Pediatric Critical Care Resources

Do you need quick access to resources to care for very sick children?

Access "In a Hurry" resources:



The Pediatric Critical Outreach Project is being led in collaboration by BC Children's Hospital PICU Team and Child Health BC with the intent to better support both the critically ill children who they care for in their home community as well as the clinicians who care for them. Any questions or suggestions? Contact us at pcc@childhealthbc.ca



- Access pediatric critical care resources, in a hurry at <https://childhealthbc.ca/pcc/hurry>
- If you want quick access to the resources in your trauma bay or on your ward, post the "In a Hurry" QR code: <https://childhealthbc.ca/media/843>
- Access StEP Course and PCCL materials: <https://childhealthbc.ca/pcc/library>
- Access the Provincial Pediatric Virtual Support Pathways: <https://childhealthbc.ca/pcc/provincial-pediatric-virtual-support-pathways>

Consider downloading the Zoom app to your portable device now. This is required to integrate video into transport or advice calls with the PICU and NICU

Pediatric Critical Care Learning Sessions

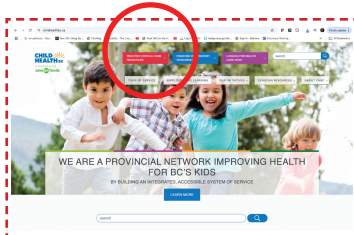
You Must Be Choking - A Case of Foreign Body Airway Obstruction

June 20 at 1 pm

Learning Objectives:



- To develop an approach to airway management in a pediatric patient with partial airway obstruction.
- To discuss optimal ventilation strategies in an intubated pediatric patient with foreign body in the airway.
- To review diagnosis and management of complications resulting from mechanical ventilation in a pediatric patient with foreign body in the airway.



If you have a case you'd like to present, visit this [link](#) or scan the QR code

For iPhone (Safari Browser):

1. Open Safari and go to the website you want to save.
2. Tap the Share icon (square with an arrow pointing up) at the bottom of the screen.
3. Scroll down and tap "Add to Home Screen."
4. You can edit the name if you like, then tap Add.
5. The shortcut will appear on your Home Screen like an app icon.

Only Safari supports this on iPhone (not Chrome or Firefox).

For Android (Chrome Browser):

1. Open Google Chrome and go to the website.
2. Tap the three-dot menu in the upper-right corner.
3. Tap "Add to Home screen."
4. Edit the name if desired, then tap Add.
5. Confirm by tapping Add automatically or drag it to your preferred location.

Works with most Android devices using Chrome. Firefox has a similar option under its menu.

CONTACT US

The Provincial Critical Care Outreach Initiative Monthly Newsletter is produced by the **BC Children's Hospital Foundation**, the **BC Children's Hospital Pediatric Intensive Care Unit** (team CCH PICU) and **Child Health BC (CHBC)**.

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