

## 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.

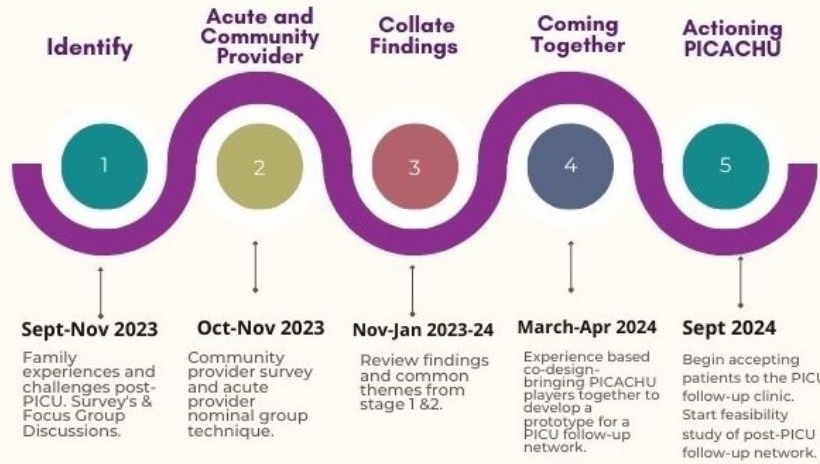
### THE PROJECT GOALS

Workstreams	What we did:	Next steps:
<p><b>P-VCS</b> <small>PICU Virtual Clinical Support</small></p> <p><b>PICU Virtual Clinical Support:</b> Use video technology to support the remote care of critically ill children, develop debrief supports and provide timely clinical follow-up to the sending team of transferred PICU patients.</p>	<ul style="list-style-type: none"> <li>Developed the PICU-VCS workflow and "hot debrief" component.</li> <li>Reviewed the workflow with the PHSA Office of Virtual Health's Zoom team and Virtual Care Leaders from the Health Authorities.</li> <li>GoodSAM Evaluation was completed from the previous year's respiratory surge and recommended changes to improve the platform are currently in progress for the upcoming Fall/Winter season.</li> <li>GoodSAM utilization between Dec 8, 2022 and May 31, 2023:             <ul style="list-style-type: none"> <li>51 Patient Transfer Network staff trained on GoodSAM</li> <li>95 video consultations initialised</li> <li>105 clinical users utilised GoodSAM (Community Physicians &amp; Transport Advisors)</li> </ul> </li> <li>"Exploring an Accessible Instant Video Telemedicine Tool to Support Pediatric Critical Care Triage and Transport During the 2022 Pediatric Respiratory Surge" has been accepted to the Pediatric Critical Care Society (PCCS) conference for a poster presentation in Edinburgh, October 4th-6th.</li> </ul>	<ul style="list-style-type: none"> <li>Validate the model and implementation plan.</li> <li>Workflow's revision by clinical providers across the Health Authorities.</li> <li>Identify areas for testing.</li> </ul>
<p><b>StEP</b> <small>Stabilization Essentials in Pediatrics</small></p> <p><b>Education:</b> Develop inter-professional education for health care providers.</p>	<ul style="list-style-type: none"> <li>Debrief and analyze lessons learned from Prince George:</li> <li>27 participants provided overwhelmingly positive feedback, expressing gratitude for the opportunity and appreciation for the multidisciplinary team. They also expressed a desire for more courses on different topics held more frequently, with requests for future sessions in remote and rural hospitals.</li> <li>100% reported that they would highly recommend the course.</li> <li>The interactive components of the course, including skill stations and simulations, were highly regarded by participants.</li> </ul>	<ul style="list-style-type: none"> <li>Organize the second course in the Fraser Health in October 2023.</li> <li>Incorporate ICS learnings and families/patients partners' feedback.</li> <li>Plan the 2024 dates.</li> </ul>
<p><b>PCCL</b> <small>Pediatric Critical Care Learning</small></p> <p><b>Case Driven Education:</b> Support the interdisciplinary review of community cases requiring pediatric critical care.</p>	<ul style="list-style-type: none"> <li>Launched the third Pediatric Critical Care Learning (PCCL) Session on August 18, 2023 via zoom.</li> <li>More than 450 participants registered.</li> <li>Attendees: 396 in total for the 3 sessions. Participants described the session as "honest and unintimidating", "incredible", "amazing", "excellent", and "lots of great learning". Suggestions for improving PCCL sessions included focusing on a single impactful case, diving deeper into one case, and promote more detailed discussions.</li> <li>Families and Patients partners provided feedback about the sessions.</li> <li>The ePoster 'Collaborative and multidisciplinary learning to support remote providers encountering critically ill children in a large Canadian province' has been accepted at the Pediatric Critical Care Society (PCCS) conference in Edinburgh, October 4th-6th.</li> </ul>	<ul style="list-style-type: none"> <li>Debrief and analyze lessons learned from the sessions             <ul style="list-style-type: none"> <li>Feedback from participants and facilitators</li> <li>Implement evaluation and PDSA cycle</li> <li>Ongoing call-out for case presentations – send an email to <a href="mailto:ped.critical.care.project@phsa.ca">ped.critical.care.project@phsa.ca</a> or <a href="#">click here</a>)</li> </ul> </li> <li><b>Webinar Registration</b></li> <li>Next Session: September 15, 2023 at 1 pm</li> </ul>
<p><b>PICACHU</b></p> <p><b>Follow-Up:</b> Goal: develop a feasibility study for a Follow-up network</p>	<ul style="list-style-type: none"> <li>Developed the stages of the <b>Post Intensive</b> care outcome and follow-up in <b>Children: A Collaboration of Health</b> care providers, researchers, and families <b>Utilizing</b> knowledge co-production (PICACHU Study).</li> </ul>	<ul style="list-style-type: none"> <li>Gather information through surveys and focus groups from families' experiences and challenges post-PICU.</li> <li>Collect feedback from Acute and community providers.</li> </ul>

# PICACHU

Post Intensive care outcomes and follow-up in Children: A Collaboration of Health care providers, researchers, and families Utilizing knowledge co-production

## Staging the PICACHU Study



## NEXT STEPS IN THE GENERAL PROJECT

The CHBC and BCCH PICU Team will continue to focus on connection and meaningful engagement with Indigenous Health leads, Métis Nation leads, families, patients, and community.

"Pediatric Critical Care Outreach: A Layered Approach to Provincial-wide Support", has been accepted for the 2023 Children's Healthcare Canada Annual Conference for a poster presentation (Dec 3-5 in Vancouver).

## PCCL Pediatric Critical Care Learning

If you have a case you'd like to present, visit this link: <https://l.linklyhq.com/l/1pCUi>



Or scan the QR code:

## UPCOMING EVENTS & IMPORTANT DATES

Sept. 15, 1 pm	Polytrauma and Polypharmacy in a Pediatric Patient... and too sick to transport	Sept. 29, 2023 Advisory Committee Meeting
Oct. 20, 1 pm	Turning up the pressure - BiPAP initiation in a 3yo with respiratory distress	



## reach out

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 (BCCH PICU) and Child Health BC (CHBC).



## CONTACT US

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