

Background:

BC Children’s Hospital did not have a functioning OPAT (outpatient parenteral antibiotic therapy) program. Regional health authorities didn’t have the needed pediatric expertise, and BCCH staff are only located in Vancouver.



Approx. 10% of patient bed days

Methods:

Because of this problem, we set out to develop a provincial pediatric OPAT program in British Columbia

1. Partnered with BCCH and regional health authority clinical staff and leaders, as well as parent partner
2. At a series of “Rapid Improvement Events”, analyzed the current state workflow and developed a proposed future state workflow
3. With BCCH Foundation Funding, we launched a pilot in January 2023

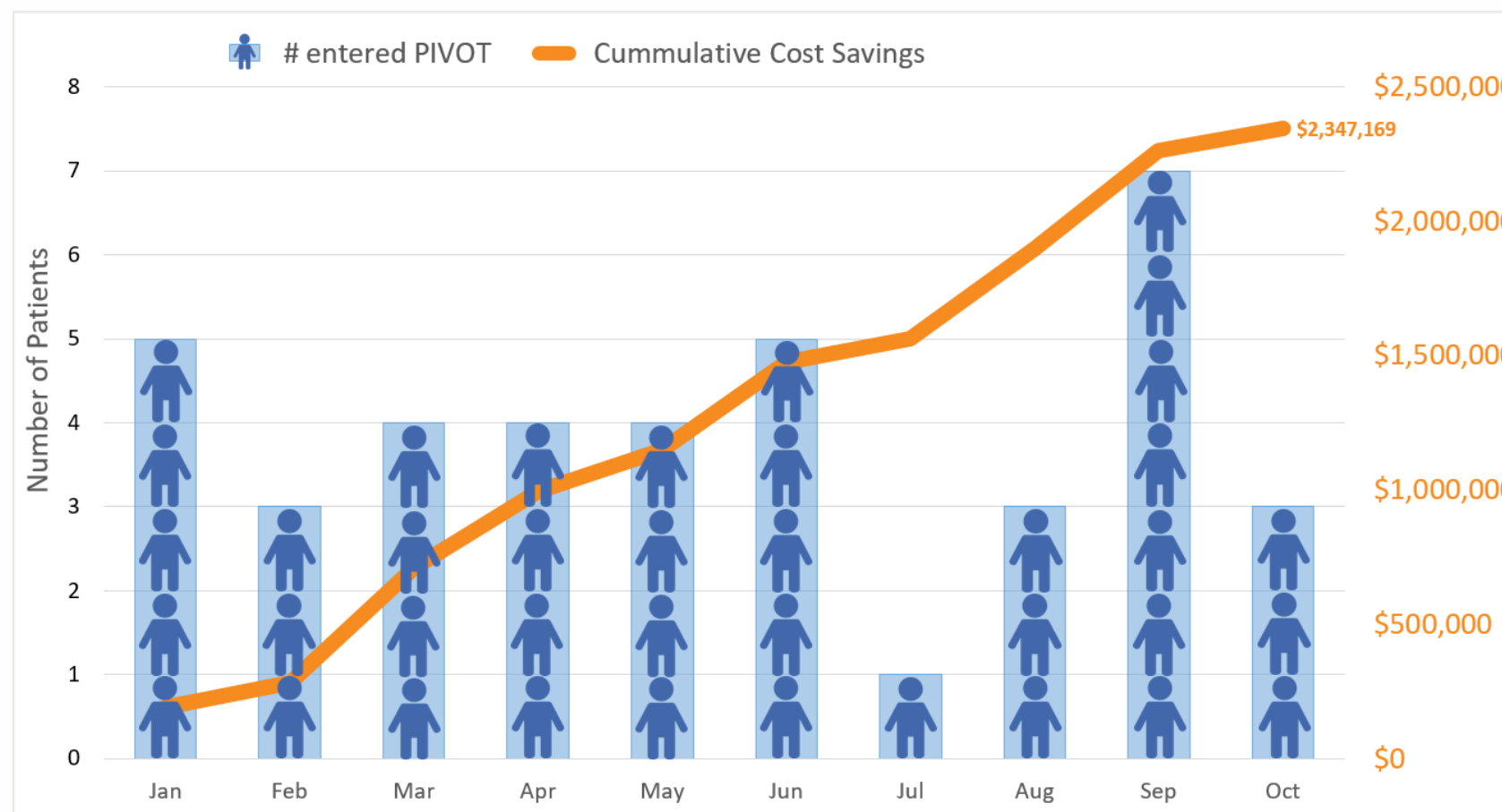


A PIVOT patient starts and finishes a dose of antibiotics, while continuing with normal life

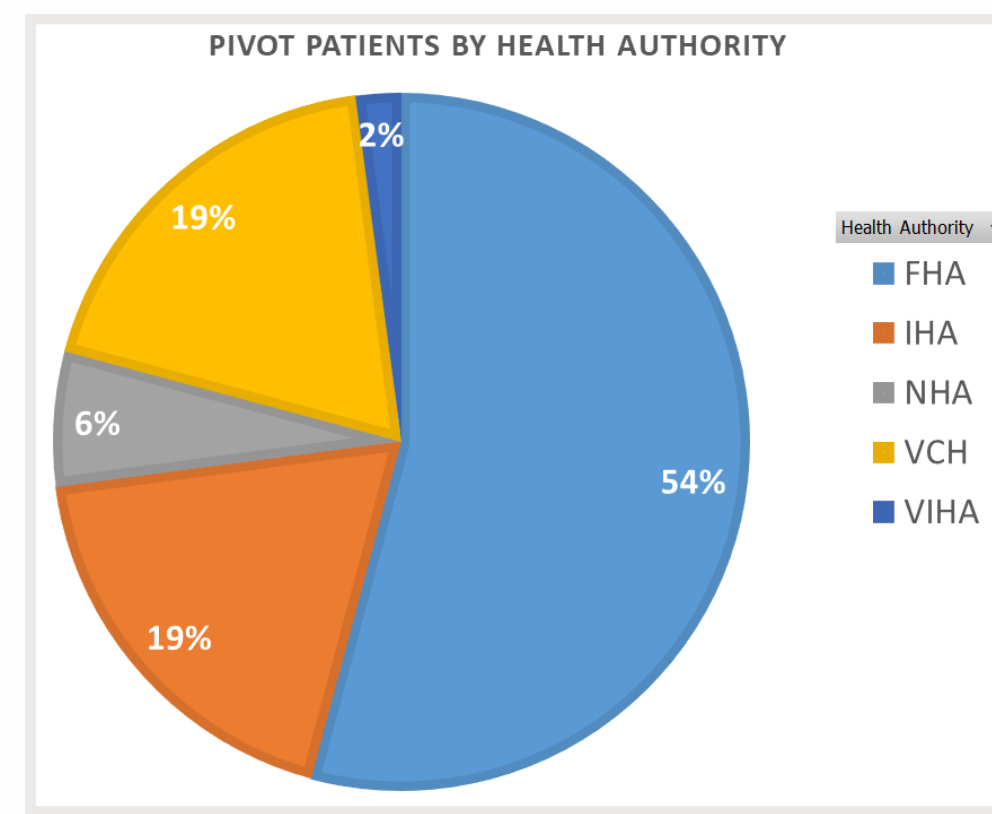
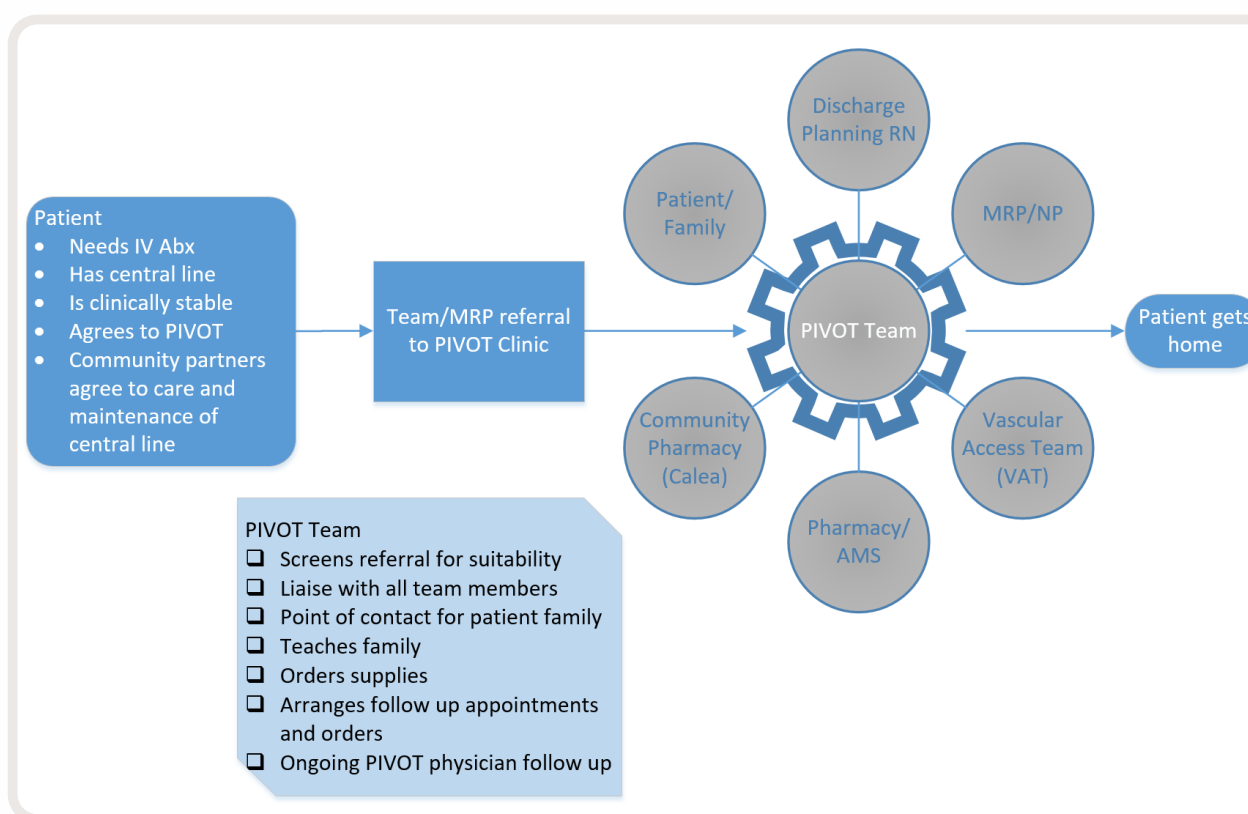
PIVOTing from Hospital to Home: The BC Children’s Hospital Pediatric IV Outpatient Therapy (PIVOT) Program

Dr. Tom McLaughlin
MD, MPP, FRCPC, FAAP

We save BCCH ~1000 bed-days and \$2.5 million per year by helping kids get IV antibiotics at home.



- Patient’s receive antibiotics in their home or community, rather than staying in hospital for weeks or months at a time.
- Increased family satisfaction
- 39 families finished treatment at home



“It’s tough staying in the hospital all the time, and expensive in gas and eating out. Also, we couldn’t see our other two kids. I can go back to work regularly now, cook and eat dinner as a family, and just maintain our daily lives.” - PIVOT patient’s mum.

Learnings:

Integrating care with home communities

- Medications, supplies couriered to patient homes
- Training and support for local nurses, MDs, patients and families
- “Hub and Spoke” model: PIVOT coordinates specialized care, team in community provide routine care

Virtual and real-time support

- Patients, community providers can reach PIVOT team via text, phone, video chat
- Reduced need for in-person urgent visits

Leadership support

- Rapid Improvement Events work
- Pilot team able to rapidly develop, test, and learn from new ideas and clinical pathways

Contact Us:

- Dr. Tom McLaughlin: Medical Director
- Amanda Doucette: Nurse Clinician
- Becca Euverman: Nurse Clinician
- Clarissa Brennan: Project Manager
- Shelby Barr: Project Educator
- Liz Lamb: Project Sponsor

Contact our team at pivotclinic@cw.bc.ca if you’d like to learn more!

Thank you

Thank you to the BCCH Foundation, the Hudson Family, and our executive sponsors

