

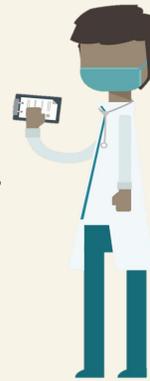
Designing and Implementing a Novel Approach to Chronic Pain Management and Primary Care In The Vancouver Downtown Eastside

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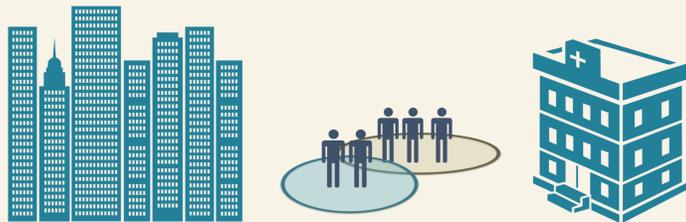
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UBC Health and CHIUS

- UBC Health is a consortium that brings together students across the health disciplines to participate in Interprofessional Collaborative Education and Practice
- The Community Health Initiative by University Students, or “CHIUS”, is a student initiative that operates under the umbrella of UBC Health
- CHIUS operates 2 clinics in Vancouver’s inner city, and these provide healthcare to residents in the Downtown Eastside Community
- At the 3 Bridges (3B) Health Centre, CHIUS students support the primary care service
- 3B provides the perfect opportunity to develop new programs to meet community needs



Public Health Context

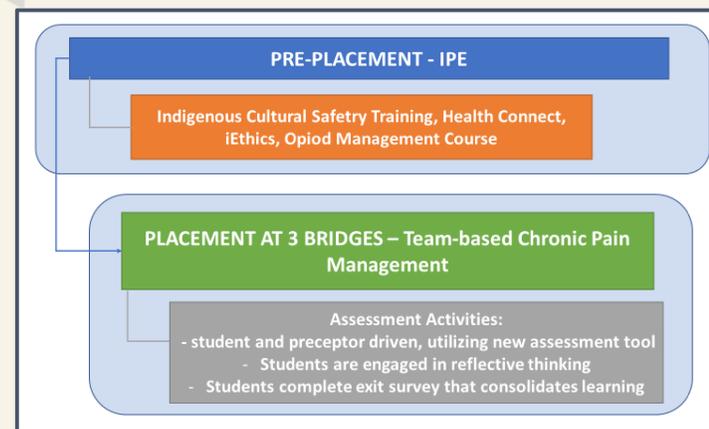


- The community in the Vancouver Downtown Eastside faces complex challenges such as homelessness, mental health, opioid/substance use and addictions, and physical and emotional violence
- The most recent data on this community indicates that 18,025 people live here, and there is a significant need for healthcare services in this community
- At the 3B Health Centre, the scope of primary health care includes harm reduction, mental health, and substance use supports and services. Chronic pain is a very common patient complaint, and with a myriad of etiologies, it can be difficult to manage.
- The 3B Student Clinic provides the perfect setting for CHIUS to address the needs of the community and help prepare the next generation of healthcare professionals to address these challenges.

Educational Impact

Our goal has been to develop a new Interprofessional Collaborative Practice Program. The 3B Student Clinic brings together students from the Medicine, Nursing, Occupational Therapy, Pharmacy, and Social Work, and provides the perfect setting to pilot a new educational model. Working with our stakeholders at 3B, we chose to focus our service on Chronic Pain Management

1 Developing New Curriculum



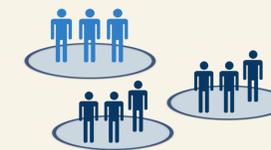
Phase 1 – while leveraging existing UBC Health teaching and learning tools, we also developed a new Student Learning tool based on current literature on Interprofessional Collaborative Practice. We also separated learning activities into pre- and post-placement periods, to prepare students for their placement and then capture their learning after their immersion experience.

2 Shifting to Chronic Pain Management

<p>The 3B Student Clinic has always provided team-based care</p> <ul style="list-style-type: none"> • A team of students spend a few hours with patients reviewing complex issues and create a care plan with action items • Continuity is limited and its often difficult to address a wide array of complex cases 	PREVIOUSLY UNFOCUSSED
<ul style="list-style-type: none"> • Students work in teams, all disciplines focus on chronic pain management • We have developed new resources and redesigned our clinic flow • Teams incorporate standardized assessments and follow specific care plan of patients with follow-up to assess their progress 	CHRONIC PAIN MANAGEMENT

Methods and Results

The CHIUS 3B Student Clinic has 4 blocks that run throughout the Year:



Each block has 2 student teams, as well as a population of patients that are seen. Some of these patients are new, others are follow-up

HOW WE ASSESS CLINIC OUTCOMES

- Students use the **Collaborative Practice Assessment Tool** to track their learning and capture preceptor feedback
- This form also contains reflective questions
- Students complete a **Post-Placement Survey**
- Students are invited to participate in **Focus Group** sessions to evaluate their experience
- Patients are interviewed about their experience after their clinic visit, and this information is catalogued in a rolling feedback document
- Our **preceptors and staff physicians are consulted** at the end of each block for any feedback or suggestions



Data Collection:

There are still 2 clinic blocks to complete and we will be continuing to collect data through our survey tool, focus groups, and patient interviews

Analysis and Publication:

Once all of our data is collected we will be compiling and analyzing the data to assess both the new interprofessional education model and the transition to chronic pain management

Conclusion

- Preliminary feedback from students, patients, and preceptors indicate that our new model is working well.
- Students are engaged and learning new skills, and patients feel supported and empowered to manage their chronic pain.
- Resources and tools developed as part of this project will help UBC Health education sites across BC, as well as other programs and initiatives within CHIUS.

Acknowledgements

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