

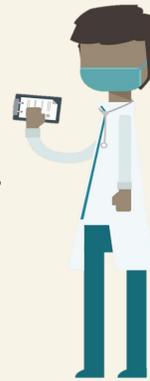
# Designing and Implementing a Novel Approach to Chronic Pain Management and Primary Care In The Vancouver Downtown Eastside

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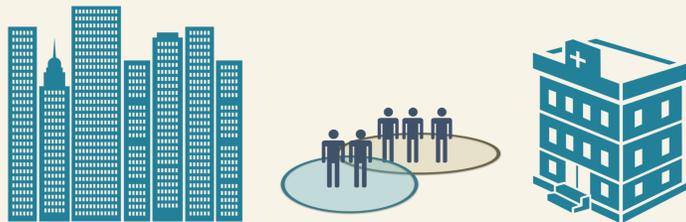
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## UBC Health and CHIUS

- 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

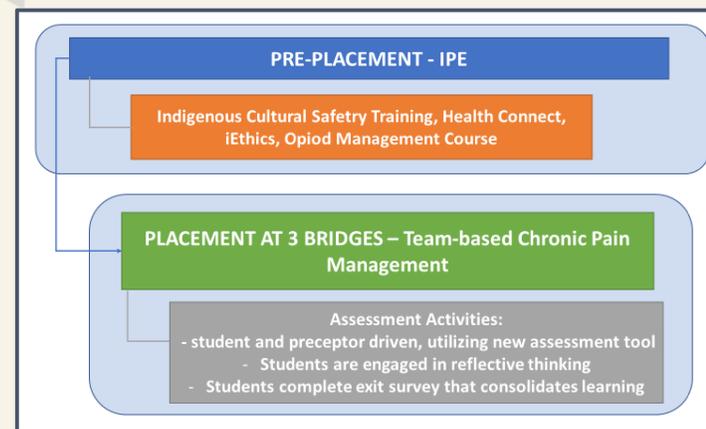


- The community in the Vancouver Downtown Eastside faces complex challenges such as homelessness, mental health, opioid/substance use and addictions, and physical and emotional violence
- The most recent data on this community indicates that 18,025 people live here, and there is a significant need for 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



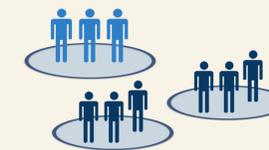
**Phase 1** – while leveraging existing UBC Health teaching and learning tools, we also developed a new Student Learning tool based on current literature on Interprofessional Collaborative Practice. We also separated learning activities into pre- and post-placement periods, to prepare students for their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

### 2 Shifting to Chronic Pain Management

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