

# IMPROVING ADDICTION CARE AT BURNABY HOSPITAL: DISSEMINATING SUBSTANCE USE KNOWLEDGE THROUGH DIGITAL MODALITIES

Vanessa Kong<sup>a</sup>; Lingsa Jia, MD, FRCPC<sup>a,b</sup>

<sup>a</sup>UBC Faculty of Medicine, Department of Psychiatry; <sup>b</sup>Burnaby Hospital, Fraser Health Authority, Addiction Medicine and Substance Use Services

## Background

- Substance-related deaths remain high in British Columbia, with 42.7 per 100,000 in 2022.<sup>1</sup>
- Burnaby Hospital created an Addiction Medicine Consult Team (AMCT) in July 2021 to provide interdisciplinary and specialized care for patients with substance use concerns
- Despite service creation, a preliminary evaluation in addiction care found a lack of provider knowledge and familiarity in substance use resources
- Provider unfamiliarity in substance use resources can greatly impact patients' access to community and outpatient services

### Goal

To improve provider knowledge on substance-use and local resources

## Develop



We created [WWW.BRSU.ca](http://WWW.BRSU.ca), a website that contains local Burnaby resources and clinical guidelines on substance use

## Evaluate

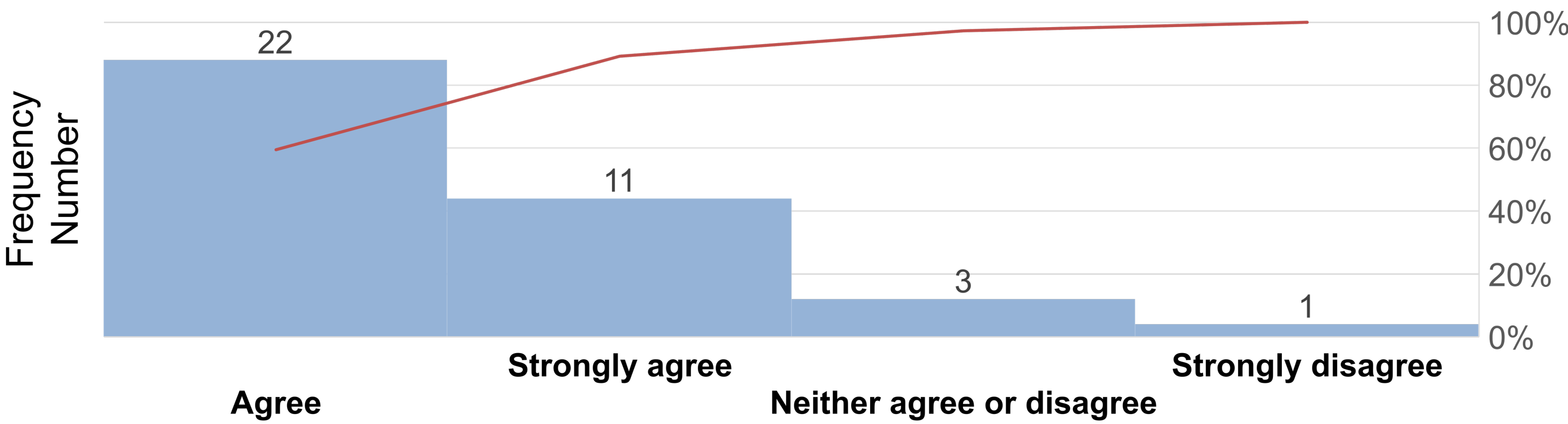
Burnaby Hospital staff completed a **5-minute self-study session** with our website and then surveyed on their learning

### Participant Demographics

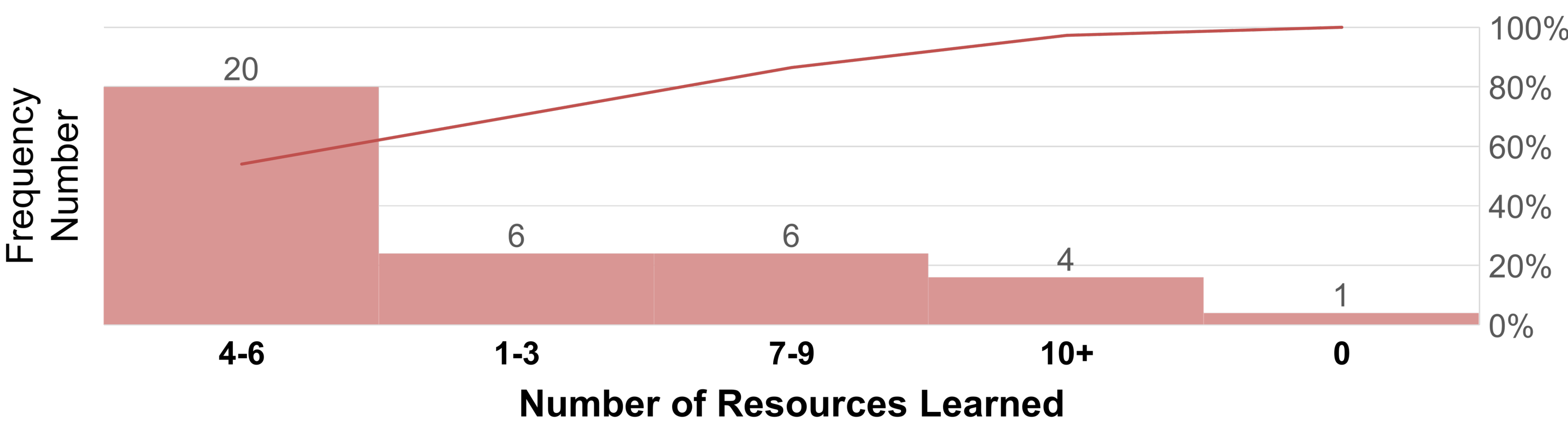
Physician	Nurses	Allied Health
12	9	16

### Staff Responses

Q3. After using the website, I am better at knowing where to direct my patients when they are looking for addiction resources to access.



Q7. Please indicate the number of resources you learned from this tool



## Implications

- Our website [www.BRSU.ca](http://www.BRSU.ca) is an **effective** way to educate providers on substance use
- During our assessment phase in May 2022:
  - 60% of providers report a lack of knowledge on addiction medicine (AM) resources.
  - 49%\* of providers know where to go to access more information.
  - We expect BRSU will improve these number with further distribution

## Future Directions: Distribute

- Continued distribution and optimization BRSU to the hospital and in Fraser Health
- Integrating this tool in clinical care to improve outpatient transition of care in Burnaby
- We are currently adding features to BRSU. Some include:
  - Flowchart** on resource dissemination for patients
  - Handouts** of Burnaby Hospital-related substance use resources for patients

## Acknowledgements

This project is conducted on the traditional and unceded lands of the Musqueam, Squamish and Tsleil-Waututh peoples.

This project is supported by Facility Engagement funding from Burnaby Hospital. We would like to thank those at Burnaby Hospital who supported us on this project, including Janice Eng and Adrienne Lutzke.

## References

- BC Coroners Service. (2023) Illicit Drug Toxicity Deaths in BC January 1, 2012 – December 31, 2022. Retrieved from the Government of BC website: <https://www2.gov.bc.ca/assets/gov/birth-adoption-death-marriage-and-divorce/deaths/coroners-service/statistical/illicit-drug.pdf>

## Quality Improvement Project Design & Timeline

2022

May



**1. ASSESS**  
Knowledge assessment of staff on addiction care

June



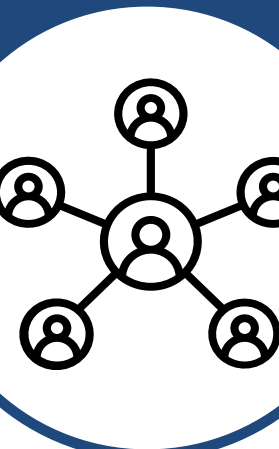
**2. DEVELOP**  
Create knowledge translation tool

October – December



**3. EVALUATE**  
Assess tool efficacy and patient care impact

2023



**4. DISTRIBUTE**  
Optimize tool and distribute



THE UNIVERSITY OF BRITISH COLUMBIA

Partners

