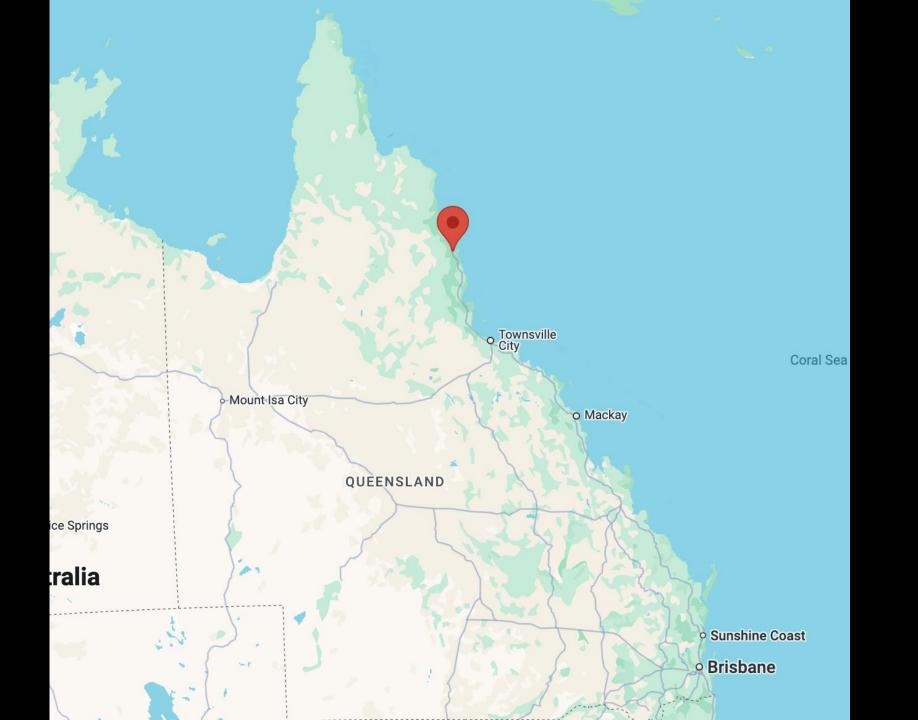
# Exploring the individual multidisciplinary team roles in alcohol and other drugs

Dr Xuan Ye

**Monash University** 

Cairns Hospital

### Wurundjeri Woi-wurrung and Bunurong / Boon Wurrung peoples of the Kulin





1.What we did

2. What were our conclusion

3. Why should we care about the AOD space

4. Dive into the individual disciplines

5.Summary

Mini Review

Harm Reduction

Peer Work

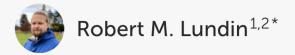
Social Work

Pharmacy

Nursing/Nurse Practitioners

Psychology

## The worrying, current state of addictions training in medicine





<sup>&</sup>lt;sup>1</sup> Institute for Mental and Physical Health and Clinical Translation (IMPACT), Deakin University, Geelong, VIC, Australia

<sup>&</sup>lt;sup>2</sup> Change to Improve Mental Health (CHIME), MHDAS, Barwon Health, Geelong, VIC, Australia

<sup>&</sup>lt;sup>3</sup> Department of Mental Health, Albury Wodonga Health, Wangaratta, VIC, Australia

Peer and Harm reduction work ---- Distinctive disciplines

NPs and Pharmacists------ More scope of Practice

More Research -----→ Metro Vs Rural

Q1- In 2013, death from stimulant were sitting at 0.8 per 100,000 population.

What is the number in 2022?

a. 0.7 b. 1.5 c. 0.5 d. 1.8

d. 1.8 per 100,000

Q2- Opioids is even higher than stimulant and remains the cause of most drug - induced death in Australia.

How high is it? Per 100,000.

a. 10 b. 2.0 c. 4.0 d. 7.0

c. 4.0 per 100,000

Q3- According to WHO, in 2019, alcohol consumption can be attributed 2.6 million deaths.

What percentage is this to all deaths in the world that year?

a. 4.7% b. 0.2% c. 6.0% d. 0.6%

c. 4.7%

In 2022, there were 1742 alcohol induced deaths in Australia

0.91% of all deaths in 2022

9.1% increase from 2021



**National Survey** 

2005 ---  $\rightarrow$  5 Professions groups

2020 --- → 35 Professions

Workforce ---→ Women and middle age

Most vocational and tertiary qualified

A third with no AOD related qualification

#### Nursing

Graduate Nurse ----- Very little AOD Training

• Selected Regional Nurses ----- Minimal confident in referral protocols

NEW AOD Nursing Subject 2021 + 2022 Trial

#### **Nurse Practitioners**

- 1. Medication-Assisted Treatment for Opioid Dependence (MATOD)
- 2. Managing withdrawals
- 3. Blood-borne viruses
- 4. Sexually transmitted diseases

#### **Nurse Practitioners**

From 2022 – Connecting, Coaching and Changing Lives (CCC)

Improved self confidence and capability

NPs value the peer supporting and mentoring

Position Shortage, Colleagues resistance, Lack of MBS reimbursement

#### Psychology

Preventative approach, addressing risk factors

<40% Clinical Psychology program focus on addiction</li>

Bridging mental health and substance use treatment important

Trauma focus therapy and Integrated CBT for PTSD + Substance

#### Pharmacist

- MATOD ——— Methadone or buprenorphine
- South Australia ----- Co-prescribe MATOD
- Continuity of care and convenience
- Nicotine vaping products
- Drug courts and in patient addiction team

#### Social Work

- Limited addiction training
- Social isolation and disconnection ---→ Addiction
- Dislocation theory = Individual treatment ineffective
- Fragmented intimacy theory = Substance ---→ destruction of other intimacy
- Mostly direct contact with patient

#### Harm Reduction

Pragmatic strategies, programs and intervention --- > Minimise Harm

Safe injecting

Safe sex product

Drug testing

Drug safety education

MATOD

Overdose prevention

Reduce blood-borne viruses

#### Harm Reduction

#### Recognise

Pleasure in drug use experience + Functional mediator of life

Harm Reduction ---- Challenge stigma

#### Peer Work

Lived or living experience of substance use

#### RHOUTPLN

Reducing Harmful Drug Use Through Peer Led Networks

2017

Peer Work

Feeling of pride, purpose and belonging --- > Protective factor

Overlap between Harm Reduction and Peer Work

Where from here?

#### Urban vs rural

Systematic review for each field

Cover more fields such as Occupational Therapy

#### Summary

- 1. Morbidity statistics of AOD
- 2. Demographic data of the workforce
- 3. Nursing
- 4. Nurse Practitioners
- 5. Psychology
- 6. Pharmacy
- 7. Social Work
- 8. Harm Reduction
- 9. Peer Work

Xuan Ye<sub>1</sub>, Leighlan Phillips<sub>2,3</sub>, Caity Morrison<sub>3,4,5</sub>, Jo Zhuang<sub>2</sub>, Brit Chapman<sub>6</sub>, Hannah Portogallo<sub>4</sub>, Michael Hodge<sub>4</sub>, Jo Linden<sub>4</sub>, Antigone Branchflower<sub>3,4</sub>, Craig Harvey<sub>3,4</sub>, Robert Lundin<sub>2,3,4,5</sub>

- <sup>1</sup> Faculty of Medicine, Nursing and Health Sciences, Monash University, Melbourne, Victoria, Australia
- <sup>2</sup> Mental Health Services, Alcohol and Other Drugs Integrated Treatment Team, Mildura Base Public Hospital, Mildura, Victoria, Australia
- <sup>3</sup> Academic Regional and Rural Addictions Network (ARRAN), Geelong, Victoria, Australia
- <sup>4</sup> Change to Improve Mental Health (CHIME), Barwon Health MHDAS, University Hospital Geelong, Geelong, Victoria, Australia
- <sup>5</sup> Institute for Mental and Physical Health and Clinical Translation (IMPACT), Deakin University, Geelong, Victoria, Australia
- 6 Harm Reduction Victoria (HRVIC), Melbourne, Victoria, Australia

Thank you for listening

Questions?