

# **Appendix B: Literature Review**

### Continuum of opioid use disorder care

Adapted from Table 1 of the Guideline for Clinical Management of Opioid Use Disorder available at bccsu.ca

## **WITHDRAWAL** MANAGEMENT 1-3

Tapered methadone, buprenorphine, or alpha<sub>2</sub>-adrenergic agonists +/- psychosocial treatment<sup>4</sup> +/- residential treatment +/- oral naltrexone<sup>5</sup>

### **AGONIST THERAPIES**

Buprenorphine/ naloxone<sup>6</sup>

Methadone 7,8

## SPECIALIST-LED ALTERNATIVE **APPROACHES**

Slow-release oral morphine 9,10 Diacetylmorphine Hydromorphone

#### LOW

If opioid use continues, consider treatment intensification. TREATMENT INTENSITY

HIGH

Where possible, simplify treatment.



## HARM REDUCTION 11-13

Across the treatment intensity spectrum, evidence-based harm reduction should be offered to all, including:

- Education re: safer user of sterile syringes/needles and other applicable substance use equipment
- Access to Supervised Injection Sites (SIS)
- Take-Home-Naloxone (THN) kits

#### Citations

- 1. Amato L, Davoli M, Minozzi S, Ferroni E, Ali R, Ferri M. Methadone at tapered doses for the management of opioid withdrawal. Cochrane Database Syst Rev 2013;2:CD003409.
- 2. Gowing L, Ali R, White JM. Buprenorphine for the management of opioid withdrawal. Cochrane Database Syst Rev 2009:CD002025.
- 3. Gowing L, Farrell MF, Ali R, White JM. Alpha<sub>2</sub>-adrenergic agonists for the management of opioid withdrawal. Cochrane Database Syst Rev 20142016;5:CD002024.
- 4. Amato L, Minozzi S, Davoli M, Vecchi S. Psychosocial and pharmacological treatments versus pharmacological treatments for opioid detoxification. Cochrane Database Syst Rev 2011:CD005031.
- 5. Minozzi S, Amato L, Vecchi S, Davoli M, Kirchmayer U, Verster A. Oral naltrexone maintenance treatment for opioid dependence. Cochrane Database Syst Rev 2011:CD001333.
- 6. Mattick RP, Breen C, Kimber J, Davoli M. Buprenorphine maintenance versus placebo or methadone maintenance for opioid dependence. Cochrane Database Syst Rev 2014;2:CD002207.
- 7. Mattick RP, Breen C, Kimber J, Davoli M. Methadone maintenance therapy versus no opioid replacement therapy for opioid dependence. Cochrane Database Syst Rev 2009:CD002209.

- 8. Faggiano F, Vigna-Taglianti F, Versino E, Lemma P. Methadone maintenance at different dosages for opioid dependence. Cochrane Database Syst Rev 2003:CD002208.
- 9. Ferri M, Minozzi S, Bo A, Amato L. Slow-release oral morphine as maintenance therapy for opioid dependence. Cochrane Database Syst Rev 2013;6:CD009879.
- 10. Jegu J, Gallini A, Soler P, Montastruc J-L, Lapeyre-Mestre M. Slow-release oral morphine for opioid maintenance treatment: a systematic review. British Journal of Clinical Pharmacology. 2011;71(6):832-843.
- 11. Potier C, Laprevote V, Dubois-Arber F, Cottencin O, Rolland B. Supervised injection services: what has been demonstrated? A systematic literature review. Drug Alcohol Depend. 2014;145:48-68.
- 12. McDonald R, Strang J. Are take-home naloxone programmes effective? Systematic review utilizing application of the Bradford Hill criteria. Addiction. 2016;111(7):1177-1187.
- 13. MacArthur GJ, van Velzen E, Palmateer N, et al. Interventions to prevent HIV and Hepatitis C in people who inject drugs: A review of reviews to assess evidence of effectiveness. International Journal of Drug Policy. 2014;25(1):34-52.