

### Stimulant Use Disorder Objectives

#### 1) Recognize that there are no specific pharmacological interventions for relapse prevention or withdrawal management for stimulant use disorder

	Abstinence	Use	Retention	Harms
<b>All Antidepressants</b>	★ ★	∅	★ ★	★
<b>Aminoketone:</b> Bupropion	★	★	★ ★	∅
<b>Atypical Antidepressant:</b> Mirtazapine	NA	∅	∅	∅
<b>SSRI:</b> Sertraline	∅	NA	∅	NA
<b>Atypical Antipsychotics:</b> Aripiprazole	∅	★	∅	∅
<b>Psychostimulants and Other Medications for ADHD</b>				
<b>All Psychostimulants:</b> Modafinil, Dexamphetamine, Methylphenidate	★	∅	★	NA
Methylphenidate	NA	★	★	NA
Atomoxetine	NA	∅	∅	∅
<b>All Anticonvulsant and Muscle Relaxants:</b> Baclofen, Gabapentin, Topiramate	∅	∅	∅	∅
Topiramate	NA	★	★	★
<b>Medications used for other substance use disorders</b>				
Naltrexone	∅	★	★	★ ★
Varenicline	NA	∅	∅	∅

Shading represents the direction of effect:

(No color)	Unclear
Grey	No difference
Green	Evidence of benefit
Red	Favors placebo

Symbols represent the strength of the evidence:

NA	No evidence or not applicable
∅	Insufficient
★	Low
★ ★	Moderate
★ ★ ★	High

- While some trials have shown low level evidence for Methylphenidate and Topiramate; it is not sufficient to recommend this routinely to all patients
- Naltrexone, Topiramate, Sertraline, Mirtazapine and Psychostimulants can be considered if they are other indications for these medications

#### 2) Learn what contingency management (CM) is and how it can help

- CM is rooted in operant conditioning and is the strongest evidence based treatment we have for stimulant use disorder. It involves rewarding patients for continued attendance in recovery groups and/or negative urine drug screens.
- The most accessible Victoria group is Addictions Outpatient Treatment (AOT) "Changes" CM Group. Patients can self refer through CARES for this 8 week, 1h zoom group.

#### 3) Learn to screen for concurrent ADHD in patients with stimulant use disorder

- 1/3 individuals with stimulant use disorder have concurrent ADHD diagnosis
- Prescription amphetamines have clinically significant benefits in promoting abstinence in individuals with stimulant use disorder and co-occurring ADHD diagnosis
- Consider screening via ASRS symptoms checklist for ADHD
- Consider trial of long acting stimulant medication (ex: Vyvanse) if indicated