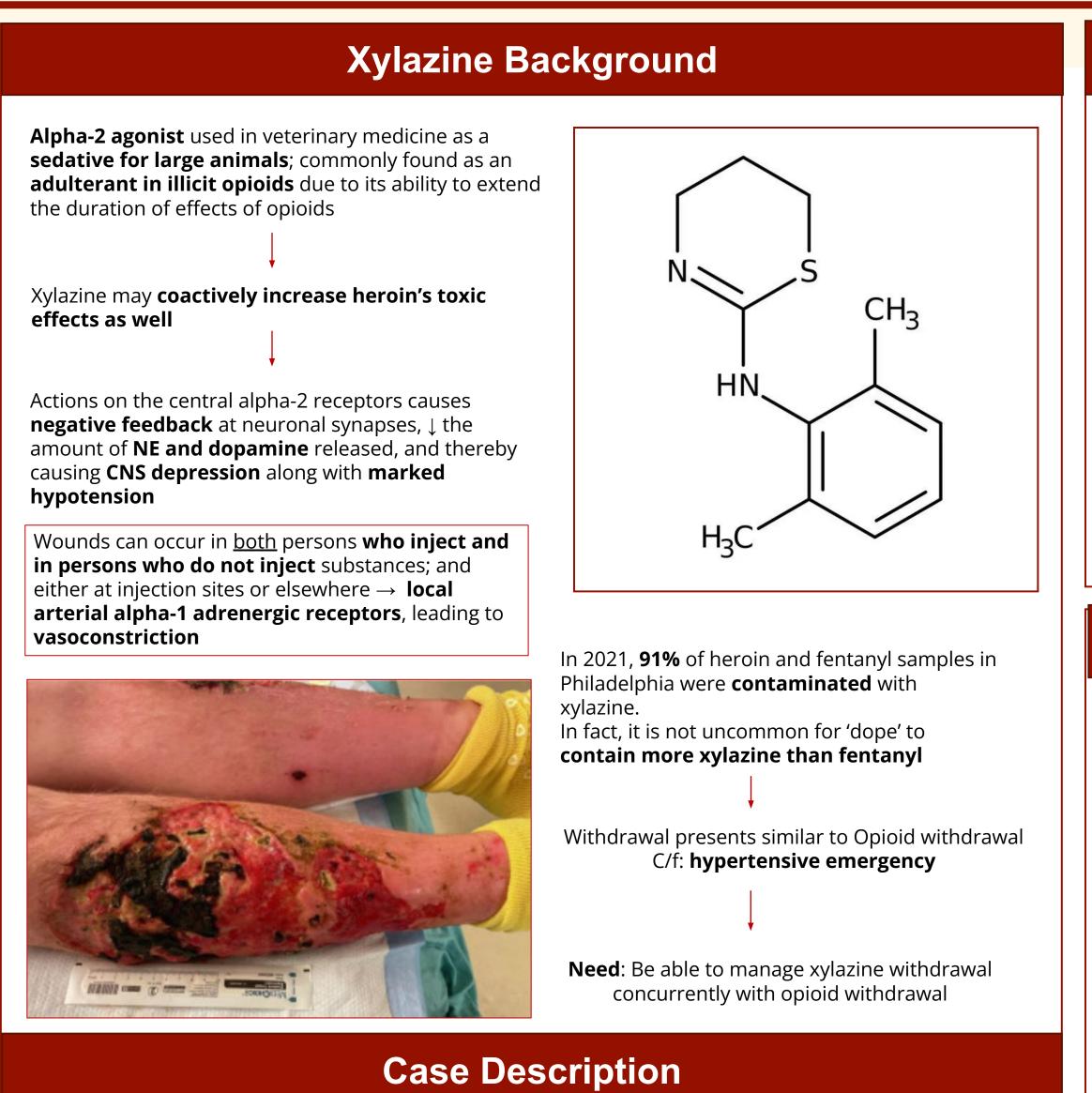


# **Getting Creative with Alpha Agonists: Xylazine Withdrawal in the Outpatient Setting** Roshni Gandhi<sup>1</sup>, Mollie B. Nisen, MD<sup>2</sup>, Kalvin Foo, MD<sup>2</sup>



### DT is a cis gender woman in her 40s with opioid and sedative hypnotic use disorders who established care at the Cooper Center for Healing in 2021 after experiencing a return to use while tapering off methadone (original dose 130mg) secondary to a loss of insurance coverage. DT struggled to reduce her fentanyl use even after re-titrating her methadone to 170mg. DT was interested in inpatient withdrawal management but struggled to find placement while on methadone, and with multiple complex psychosocial barriers.

As DT continued to struggle with severe withdrawal even on a presumably therapeutic methadone dose, <u>clinicians suggested that she may be using more xylazine than</u> fentanyl, and struggling with xylazine withdrawal. In the outpatient setting, DTs care team trialed multiple pharmacotherapeutic interventions to alpha agonist withdrawal, eventually discovering significant benefit with <u>guanfacine</u>. A full timeline of trialed interventions is above. On guanfacine, pt was able to significantly reduce fentanyl/xylazine use and remains motivated to reduce and eventually discontinue us all together.

<sup>1</sup>Cooper Medical School of Rowan University, Camden, NJ <sup>2</sup>Cooper Center for Healing, Department of Addiction Medicine, Cooper University Health Care, Camden, NJ

## **Management Timeline**

### High methadone dose prevented acceptance to inpatient withdrawal program

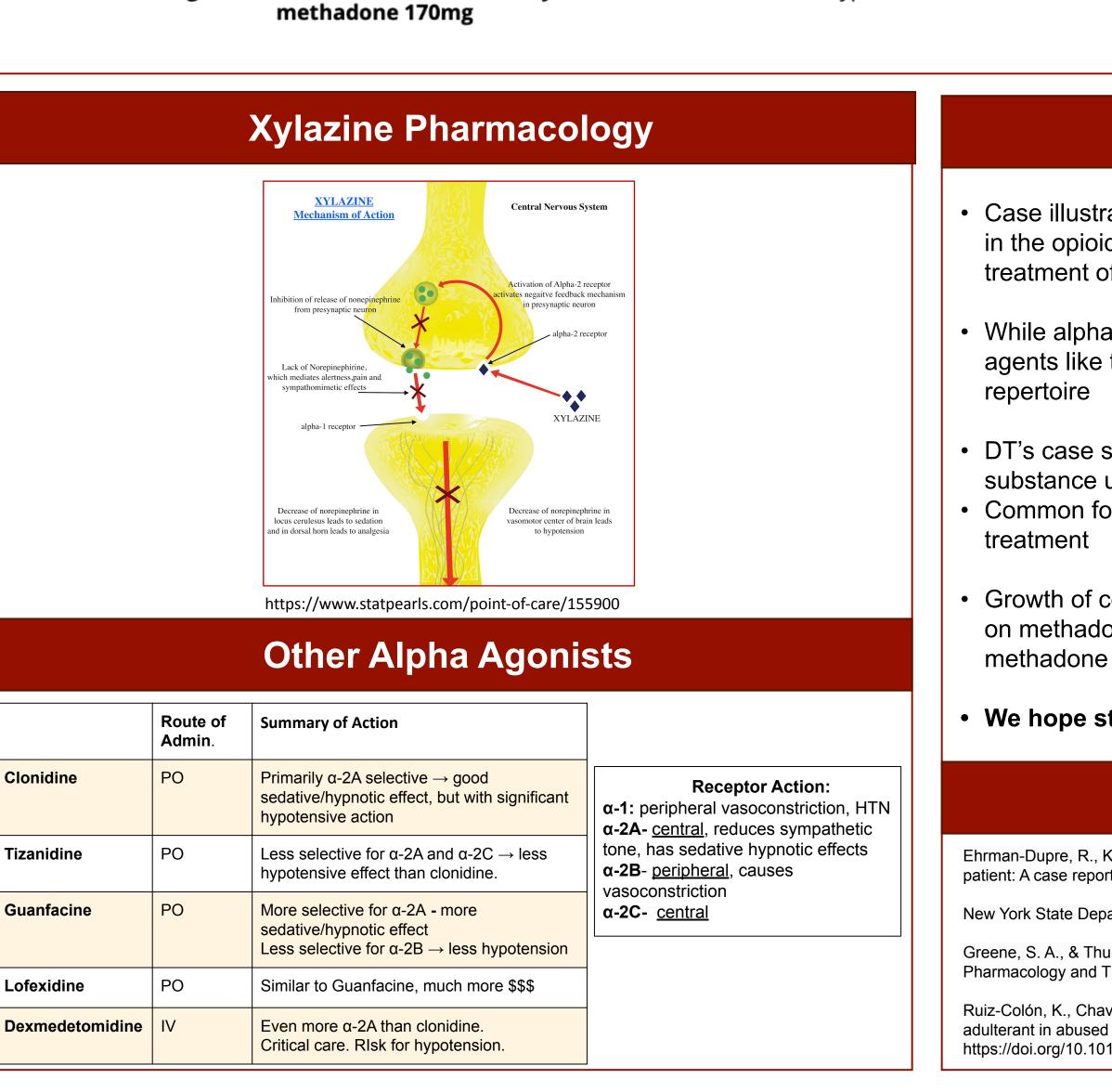
### Establish Care

### 2021 2021 2021 9/2021 Was using about 12 'bags' As DT continued to Prescribed a **clonidine** After being in of "heroin" powder IV struggle with severe **patch** (0.1mg/24hr) to remission for 6 daily but experienced withdrawal even on a months DT returns to ameliorate alpha-2

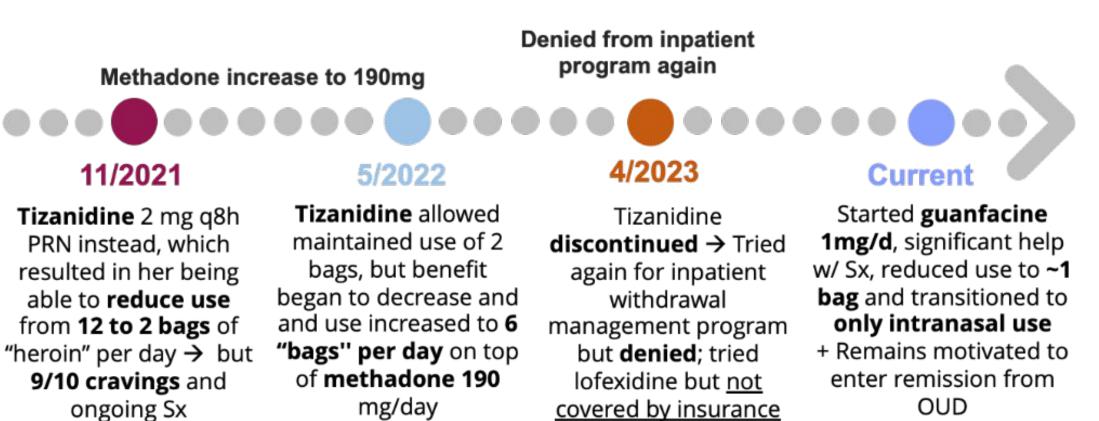
use after tapering off methadone (original dose: 130mg) secondary to loss of insurance coverage withdrawal every time she attempted to reduce use

Re-started methadone and began **titrating her**  reasonable methadone dose, clinicians suggested that she may be **using more** xylazine than heroin

agonist related withdrawal Sx → some improvement but had symptomatic <u>hypotension</u>



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## **Conclusions**, **DEI**

• Case illustrates importance of identifying and managing withdrawal symptoms from adulterants in the opioid supply, and the benefits of being creative with pharmacotherapeutics in the treatment of xylazine withdrawal

• While alpha 2 agonists such as clonidine are commonly used, branching out into less common agents like tizanidine, guanfacine and lofexidine allows for a greater pharmacotherapeutic

• DT's case shows many systemic barriers patients face in seeking appropriate treatment for their substance use disorders

Common for pts on methadone to have difficulty with placement in residential or inpatient

• Growth of co-morbid benzodiazepine use disorders and now xylazine dependence in patients on methadone  $\rightarrow$  increasingly necessary to have access to inpatient treatment for patients on

• We hope stories like DT's will help us continue to push for policy and systemic reform

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