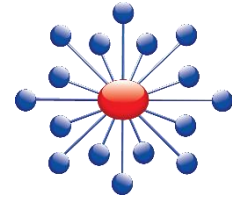




National Institute on Drug Abuse

National Drug Abuse Treatment Clinical Trials Network  
**Managing Patients Taking Xylazine-Adulterated Opioids  
in Emergency, Hospital, & Addiction Care Settings**



**June 14, 2023**  
**9:00 a.m. – 12:30 p.m.**

**AGENDA**

**Meeting Purpose:** The National Institute on Drug Abuse (NIDA) Center for the Clinical Trials Network (CCTN) is convening stakeholders, clinical and scientific experts, and federal staff to:

- Discuss the emerging threat of xylazine in the U.S. illicit drug supply
- Identify best practices for treating people taking xylazine-adulterated opioids
- Identify research gaps and opportunities to inform clinical practice in emergency medicine, hospital, and addiction medicine settings

**Meeting Goals:** Meeting participants will discuss pressing clinical questions related to managing outcomes associated with use of xylazine-adulterated opioids and discuss current evidence available to address these questions. Attendees will identify current or best practices from clinical experience and emerging evidence and prioritize needs for clinical research and resource development.

**Welcome and Opening Remarks**

9:00 – 9:15 a.m.

*Kristen Huntley, Ph.D., Addiction Medicine Team Leader, CCTN, NIDA*

*Betty Tai, Ph.D., Director, CCTN, NIDA*

*Nora Volkow, M.D., Director, NIDA*

**Meeting Co-Chairs:**

*Jeanmarie Perrone, M.D., Professor of Emergency Medicine, Hospital of the University of Pennsylvania; Director, Division of Medical Toxicology and Addiction Medicine Initiatives, Department of Emergency Medicine, University of Pennsylvania; Founding Director, Penn Medicine Center for Addiction Medicine and Policy*

*Rachel Haroz, M.D., Associate Professor, Emergency Medicine & Addiction Medicine; Medical Director, Center for Healing, Cooper University Health Care, Cooper Medical School of Rowan University*

## Session 1: Pharmacology and Clinical Manifestations of Withdrawal and Overdose

9:15 – 10:25 a.m.

**Moderator:** *Lewis Nelson, M.D., Professor and Chair, Department of Emergency Medicine; Professor of Pharmacology, Physiology, and Neuroscience, Rutgers New Jersey Medical School; Director, Division of Medical Toxicology and Addiction Medicine; Chief of Service, Emergency Department, University Hospital of Newark Senior Consultant, New Jersey Poison Information & Education System*

9:15        **Xylazine Pharmacology**

*Joseph D’Orazio, M.D., Associate Professor, Clinical Emergency Medicine; Director, Division of Medical Toxicology and Addiction Medicine, Temple University*

*Giacomo Gianotti, D.V.M., D.V.Sc., DACVAA, Associate Professor, Clinical Anesthesia, Section Chief of Anesthesia, University of Pennsylvania School of Veterinary Medicine*

9:25        **Opioid Overdoses Involving Xylazine in Emergency Department Patients: A Multicenter Study**

*Jennifer Love, M.D., Assistant Professor of Emergency Medicine, Icahn School of Medicine at Mount Sinai*

9:35        **Xylazine Withdrawal, Opioid Withdrawal, and Medication Induction**

*Matthew Salzman, M.D., Assistant Professor, Department of Emergency Medicine, Division of Toxicology and Addiction Medicine, Cooper Medical School of Rowan University*

9:45        **Manifestations of Xylazine and Fentanyl Withdrawal in a Hospital Cohort**

*Maggie Lowenstein, M.D., M.S.H.P., Assistant Professor, Division of General Internal Medicine, Penn Center for Addiction Medicine and Policy, University of Pennsylvania Perelman School of Medicine*

*Ashish Thakrar, M.D., Fellow, National Clinician Scholars Program, Perelman School of Medicine, University of Pennsylvania*

9:55        **Panel Discussion/Q&A**

Facilitator: *Lewis Nelson, M.D.*

## Session 2: Xylazine Wounds

10:25 – 11:10 a.m.

**Moderator:** *Joseph D’Orazio, M.D., Associate Professor, Clinical Emergency Medicine; Director, Division of Medical Toxicology and Addiction Medicine, Temple University*

10:25        **Hands On: Care Provided in the Community**

*Stephanie Klipp, R.N., CARN, CAAP, CRS, Harm Reduction Nurse Coordinator, Courage Medicine*

10:35        **Surgical: Managing Complex Wounds Long-Term**

*Lisa Rae, M.D., Associate Professor, Surgery; Lewis Katz School of Medicine, Temple University; Director, Temple Burn Center*

10:45        **Panel Discussion/Q&A**

Facilitator: *Ashish Thakrar, M.D.*

## **Break**

11:10 – 11:20 a.m.

## **Session 3: Testing**

11:20 – 11:50 a.m.

**Moderator:** *Rachel Wightman, M.D., Assistant Professor of Emergency Medicine and Epidemiology Director, Toxicology and Addiction Medicine, Department of Emergency Medicine, Alpert Medical School of Brown University; Consultant Medical Director, Rhode Island Department of Health*

11:20      **Patient Perspectives and Utility of Xylazine Test Strips**

*Megan K. Reed, Ph.D., M.P.H., Research Assistant Professor, Department of Emergency Medicine, Thomas Jefferson University*

11:30      **State-wide Drug Testing in Rhode Island: Xylazine**

*Rachel Wightman, M.D.*

11:40      **Xylazine Testing for Harm Reduction and Clinical Care**

*Edward R. Sisco, Ph.D., Research Chemist, National Institute of Standards and Technology*

## **Prioritizing Research Questions Roundtable Discussion/Q&A**

11:50 a.m. – 12:20 p.m.

**Moderators:** *Jeanmarie Perrone, M.D., Rachel Haroz, M.D., Ashish Thakrar, M.D., Rachel Wightman, M.D., & Aidan Hampson, Ph.D.*

## **Closing Remarks**

12:20 – 12:30 p.m.