



THE NATIONAL JUDICIAL COLLEGE

Science of Medication for Substance Use Disorder

Hon. Shaun Floerke and Dr. Ellen Edens

Tuesday, June 22, 2021

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HONORABLE SHAUN R. FLOERKE

Judge Floerke retired as a district court judge of the 6th Judicial District of Minnesota, chambered in Duluth January 2021. He was appointed to the bench July 2004. Before taking the bench he served as a lead prosecutor, litigation attorney in a private law firm, and as a senior attorney in government civil litigation. Judge Floerke founded and presided over the South St. Louis County DWI Court, one of four National Center for DWI Courts Academy Courts in the nation. He and his team won the National Association of Drug Court Professionals DWI Court Leadership Award in 2018. He was a member of the National Judicial Opioid Task Force and served on the Judicial Advisory Board for the Foundation for Advancing Alcohol Responsibility. He was the founding and presiding judge of the Duluth Domestic Violence Restorative Circles Intervention. He founded and presided over the South St. Louis County Safe Babies Court. He served as Co-Chair of the Minnesota Treatment Court Initiative and was chief judge of his district and a past member of the Minnesota Judicial Council. He trains judges and other professionals on domestic violence responses, treatment courts and resiliency practice nationally and internationally. He serves as faculty for the National Center for DWI Courts, the National Drug Court Institute, and the National Council of Juvenile and Family Court Judges. Judge Floerke was awarded a judicial leadership award by Minnesota Mothers Against Drunk Driving (MADD) in 2011 and again in 2017 for his work to effectively address impaired driving. He has been honored with the

Harold E. Hughes Exceptional Rural Professional Award and the 2020 Gary P. Olson Visionary Award for his work supporting people in treatment and recovery. Judge Floerke is now President and CEO of the Duluth Superior Area Community Foundation overseeing vibrant and engaged philanthropic work in a ten-county region in northeastern Minnesota and northern Wisconsin. He is also the president of The Duluth Street Art Initiative, a non-profit he co-founded dedicated to promoting street art in Duluth. Judge Floerke joined the faculty of The National Judicial College in 2019.

DR. ELLEN EDENS

Ellen Edens is Associate Professor of Psychiatry at the Yale School of Medicine, Substance Use Disorder (SUD) Lead for the VA National Telemental Health Center, Associate Director of Yale's Addiction Psychiatry fellowship, Co-director of the Connecticut VA's Interprofessional Advanced Fellowship in Addiction Treatment, and Co-Director of the Opioid Reassessment Clinic, a primary care-based clinic designed to assess and treatment patients with issues around opioid safety, efficacy and misuse. Her research interests include the development and dissemination of SUD education, implementation methods to expand access to treatment for SUDs, and the interface between chronic pain and opioid use disorders. She is passionate about addiction education and treatment. Dr. Edens also considers herself an amateur backyard birdwatcher and is most proud of being a good-enough parent to four superbly average kids. She joined the faculty of The National Judicial College in 2020.

Webinar Description

Opioid use disorders (OUDs) are associated with criminal behavior, arrest, and incarceration. Effective treatments are needed to reduce the burden of OUDs on public safety and on the public health. Fortunately, there are three medications that are approved for the treatment of opioid dependence. This is the first webinar in a two-part series. Please register for our second webinar, *Medication for Substance Use Disorder in the Courtroom*, on August 13th, by going to: <https://register.judges.org/default.aspx?p=S1234-SAMHSAW081321>

Learning Objectives

After this webinar, you will be able to:

1. Differentiate between physiologic dependence and a substance use disorder;
2. Compare & contrast 3 medications for Opioid Use Disorder (OUD); and
3. Appreciate the effectiveness of Medications for OUD in OUD treatment.



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 Providers Clinical Support System		
<h2 style="text-align: center;">The Science of Medication for Substance and Opiate Use Disorders</h2>		
<p style="text-align: center;">Ellen Edens, MD & Hon. Shaun Floerke (Ret) June 22, 2021</p>		
<div style="display: flex; align-items: center; justify-content: space-between;">  <div style="text-align: center;">  <p>THE NATIONAL JUDICIAL COLLEGE</p> </div> <div style="text-align: right;">  Providers Clinical Support System </div> </div>		

<h3 style="text-align: center;">Disclosures</h3>
<p>Dr. Edens is on the Advisory Board of 100-Proof Living and Aspire-365, a SUD-related consulting company and SUD treatment provider respectively.</p>
<p style="font-size: small; text-align: center;">The content of this activity may include discussion of off label or investigative drug uses. The faculty is aware that it is their responsibility to disclose this information.</p>
<div style="text-align: right;">  Providers Clinical Support System </div>

<h3 style="text-align: center;">Target Audience</h3>
<p>While this webinar, hosted by The National Judicial College, is tailored specifically for a judicial audience, the overarching goal of PCSS is to train healthcare professionals in evidence-based practices for the prevention and treatment of opioid use disorders, particularly in prescribing medications, as well for the prevention and treatment of substance use disorders.</p>
<div style="text-align: right;">  Providers Clinical Support System </div>

Please use your pointer tool to tell us where you are joining from



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Learning Objectives

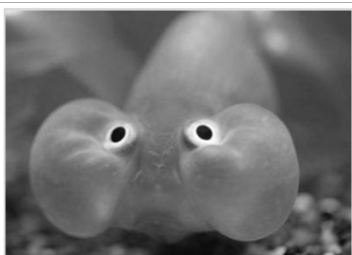
At the conclusion of this webinar, participants should be able to:

1. Differentiate between physiologic dependence and a Substance Use Disorder (SUD);
2. Appreciate the effectiveness of Medication for Opioid Use Disorder (MOUD) in Opioid Use Disorder (OUD) treatment; and
3. Compare and Contrast 3 MOUDs.

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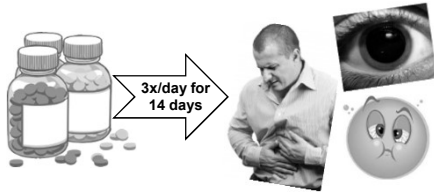
Breath Holding Exercise



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Dependence or Addiction?



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Baby born addicted!



Born addicts, opioid babies in withdrawal from first breath

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Addiction

A **chronic brain disease** with potential for both recurrence (relapse) and recovery (remission)

Associated with **uncontrolled** or compulsive use of one or more substances

The most severe form of **Substance Use Disorder (SUD)**

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Severe Substance Use Disorder = Addiction

SUD is a **medical illness** caused by repeated misuse of a substance(s)

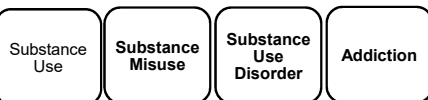
- Develops **gradually** over time
- Leads to **brain changes**

Substance Misuse

The use of any substance in a way that can cause harm to the individual or those around them



Continuum of Drug Use



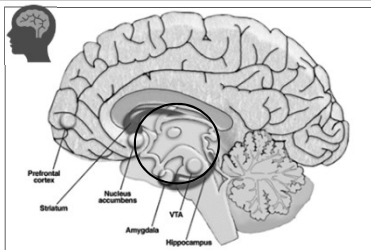
Cravings



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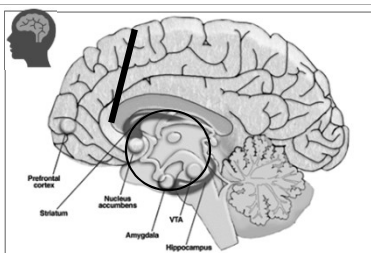
Reward System



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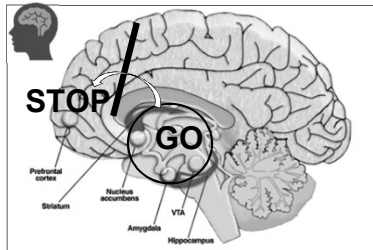
Frontal Lobe



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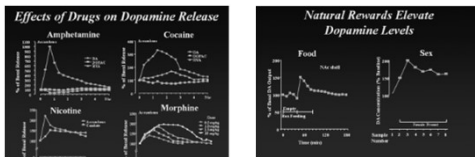
Interplay: Stop & Go



PCSSS Prevalence
Clinical Support
System 16

Reward

Natural versus Drugs



PCSSS Prevalence
Clinical Support
System 17



PCSSS Prevalence
Clinical Support
System 18

Cravings and associated physiologic responses happen **before conscious awareness**



Cravings

- **Unconscious**-Occur before we are aware
- **10x stronger** than natural cravings
- **Lifelong**
- Can occur **years after** drug use stops



Neuroscience Video

Treatments for SUD

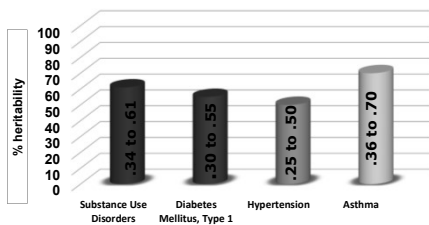


STOP	GO
Cognitive therapies	Medications
Behavioral therapies	Treatment of other MH conditions
Peer support	
Systems, Policies	

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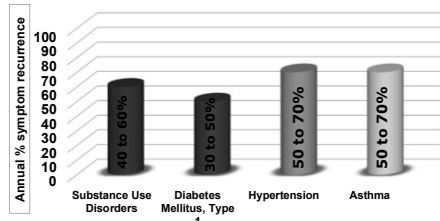
Compared with Other Chronic Medical Conditions



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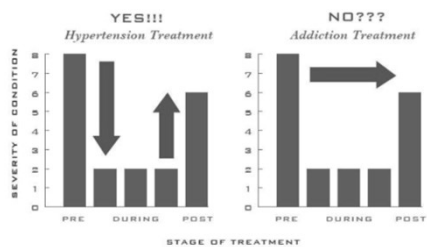
Compared with Other Chronic Medical Conditions



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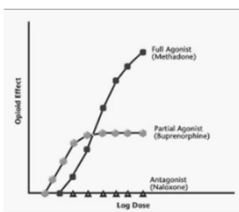
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**Why is SUD treatment evaluated differently?
They both require ongoing care.**



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Medications!



Methadone

Buprenorphine

Naltrexone-IM

PCSSS Prevalence, Clinical Response, Support System

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True or False?

Medications for OUD can decrease or stop opioid withdrawal

True



False



PCSSS Prevalence, Clinical Response, Support System

27

True or False?
The answer is...

Medications for OUD can decrease or stop opioid withdrawal

True ☒ False ☐

PCSSS Providing Community Support Services 28

True or False?

Medications for OUD reduce infectious disease transmission

True ☒ False ☐

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True or False?
The answer is...

Medications for OUD reduce infectious disease transmission

True ☒ False ☐

PCSSS Providing Community Support Services 30

True or False?

Medications for OUD
reduce risk of death

True <input checked="" type="checkbox"/>	False <input type="checkbox"/>
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Criminal Justice
Support 31

True or False?
The answer is....

Medications for OUD
reduce risk of death

True <input checked="" type="checkbox"/>	False <input type="checkbox"/>
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Criminal Justice
Support 32

True or False?

Medications for OUD
reduce or stop cravings

True <input checked="" type="checkbox"/>	False <input type="checkbox"/>
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Criminal Justice
Support 33

True or False?
The answer is....

Medications for OUD
reduce or stop cravings

True ☒ False ☐

PCSSS Providence Community Support Services 34

True or False?

Medications for OUD are just
substituting one drug for another

True ☒ False ☐

PCSSS Providence Community Support Services 35

True or False?

Medications for OUD are just
substituting one drug for another

True ☐ False ☒

PCSSS Providence Community Support Services 36

Methadone



PROS

- Best for Treatment Retention
- Oldest most evidence
- Highly-regulated
- Intense monitoring

CONS

- Very intensive
- Not uniformly accessible
- Side-effects of medication

6days/wk 90days→5d/wk 90d→4d/wk for 90d, etc.

PCSSS Providence Clinical Support System

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Buprenorphine



PROS

- Safety profile
- Fewer opioid effects
- Less restrictive (DEA-schedule III)

CONS

- Less intensive treatment/monitoring
- Side-effects of medication

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IM Naltrexone



PROS

- No dependence
- No opioid effects
- Safety profile
- Monthly injectable

CONS

- Difficult to initiate
- Eliminates physical dependence

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Methadone, Buprenorphine, or Naltrexone IM?

- 17 years old
- 11 mo history of opiate use
- 4 mo history of daily heroin use
- No history of treatment



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Methadone, Buprenorphine, or Naltrexone IM?



Methadone

Buprenorphine

Naltrexone-IM

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System 41

Methadone, Buprenorphine, or Naltrexone IM?

- 42 years old
- 15-year history of opiate/heroin use
- IV use
- Buprenorphine treatment 2 times before and dropped out



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Justice Support
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Methadone, Buprenorphine, or Naltrexone IM?



Methadone

Buprenorphine

Naltrexone-IM

Methadone, Buprenorphine, or Naltrexone IM?

- 55 years old
- 20 years on long-term opioids, recently tapered off
- Buying pills off street
- Alcohol use disorder
- No history of treatment-not sure he has an OUD, says 'it's pain.'



Methadone, Buprenorphine, or Naltrexone IM?



Methadone

Buprenorphine

Naltrexone-IM

Join us for Part 2

Join us for our next webinar,
Medication for Substance Use Disorder in the Courtroom,
on Friday, August 13th

For more information & to register, go to:
www.judges.org > Courses & Degrees



Thank you.
Thank You!
Questions? Comments?

PCSS Mentoring Program

- PCSS Mentor Program is designed to offer general information to clinicians about evidence-based clinical practices in prescribing medications for opioid use disorder.
- PCSS Mentors are a national network of providers with expertise in **addictions, pain, evidence-based treatment including medications for addiction treatment**.
- 3-tiered approach allows every mentor/mentee relationship to be unique and catered to the specific needs of the mentee.
- No cost.

For more information visit:
<https://pcssNOW.org/mentoring/>

PCSS Discussion Forum

Have a clinical question?

?

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Ask a Colleague

A simple and direct way to receive an answer related to medication-assisted treatment. Designed to provide a prompt response to simple practice-related questions.

Ask Now >

?

?

<http://pcss.invisionzone.com/register>

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PCSS is a collaborative effort led by the American Academy of Addiction Psychiatry (AAAP) in partnership with:


Addiction Technology Transfer Center	American Society of Addiction Medicine
American Academy of Family Physicians	American Society for Pain Management Nursing
American Academy of Pain Medicine	Association for Multidisciplinary Education and Research in Substance use and Addiction
American Academy of Pediatrics	Council on Social Work Education
American Pharmacists Association	International Nurses Society on Addictions
American College of Emergency Physicians	National Association for Community Health Centers
American Dental Association	National Association of Social Workers
American Medical Association	National Council for Behavioral Health
American Osteopathic Academy of Addiction Medicine	The National Judicial College
American Psychiatric Association	Physician Assistant Education Association
American Psychiatric Nurses Association	Society for Academic Emergency Medicine

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Educate. Train. Mentor



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