

SUD in Hospital Care Resource List

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1. ECHO Introduction and Basics

Case Presentation Form Template

Submit this completed form to present a patient case presentation.

Language

Words Matter Handout

Handout describing non-stigmatizing language to discuss substance use disorders. Please use this handout to inform case presentation language.

Changing the Narrative

<https://www.changingthenarrative.news/>

A network of reporters, researchers, academics, and advocates concerned about the way media represents drug use and addiction. We offer expert sources and up-to-date, fact-checked, and evidence-based information on news and controversies.

Language and SUD

The study (using vignettes) Dr. Gregg mentioned in session: Kelly JF, Westerhoff CM. Does it matter how we refer to individuals with substance-related conditions? A randomized study of two commonly used terms. Int J Drug Policy. 2010 May;21(3):202-7. Epub 2009 Dec 14

IMPACT & Addiction Consult Service Publications

IMPACT Toolkit Manuscript

Tools to Support Hospital-Based Addiction Care: Core Components, Values, and Activities of the Improving Addiction Care Team - Englander et al., Journal of Addiction Medicine March/April 2019

IMPACT Toolkit Appendices

Appendices 1-15 for Englander et al. "Tools to Support Hospital-Based Addiction Care: Core Components, Values, and Activities of the Improving Addiction Care Team," Journal of Addiction Medicine 2018 commentary

Weinstein_Inpt Addiction Consult Service '18

Inpatient addiction consult service: expertise for hospitalized patients with complex addiction problems. - Weinstein ZM, Wakeman SE, Nolan, S. Medical Clinics of North America 2018

Donroe, CMAJ "Caring for Patients with OUD..."

Donroe, Holt & Tetrault. CMAJ 2016. Caring for Patients with Opioid Use Disorder in the Hospital: Review article from Canadian Medical Association Journal that discusses identifying OUD, treating overdose, withdrawal and acute pain, discharge considerations for hospitalized patients.

DSM-5 Definition of OUD

https://www.asam.org/docs/default-source/education-docs/dsm-5-dx-oud-8-28-2017.pdf?sfvrsn=70540c2_2

DSM-5 Definition of Opiate Use Disorder (OUD): Diagnostic criteria for opiate use disorder in checklist format. Mild, moderate, and severe use disorder diagnosed by the number of symptoms

PCSS: MAT Clinical Resources

<https://pcssnow.org/resources/resource-category/medication-assisted-treatment-clinical-resources/>

Providers Clinical Support System: Clinical resources for MAT/MOUD

PCSS: Clinically Important Drug Interactions

<https://30qkon2g8eif8wrj03zeh041-wpengine.netdna-ssl.com/wp-content/uploads/2014/03/PCSSMAT-Clinically-Relevant-Drug-Interactions-Buprenorphine-or-Methadone-with-Other-Frequently-Prescribed-Drugs-9-24-101.pdf>

Providers Clinical Support System: Clinically Relevant Drug Interactions: Buprenorphine or Methadone with Other Frequently Prescribed Drugs

Crackdown Podcast

<https://crackdownpod.com/>

A monthly podcast about drugs, drug policy and the drug war led by drug user activists and supported by research. Episodes tell the stories of a communities fighting for their lives and discuss solutions, justice for those we have lost, and saving lives.

S1 Slides: ECHO Intro & SUD Basics

PDF slide set for session 1 didactic: Introduction and SUD Basics, by Dr. Honora Englander

2. Buprenorphine in Hospital Care

Quick Guide Buprenorphine Initiation

<https://static1.squarespace.com/static/5acbce828f51302409d8bdcb/t/5ad817f403ce646d1a1f4646/1524111350276/QUICK+GUIDE+-+Buprenorphine+-+04-18-18.pdf>

2-page quick reference guide for starting buprenorphine in the hospital from The California Bridge Program (formerly Project SHOUT)

Buprenorphine Initiation: Complete Guide

<https://static1.squarespace.com/static/5acbce828f51302409d8bdcb/t/5ad8279e758d464041d772d0/1524115363080/GUIDELINES+-+inpatient+buprenorphine+-+4-18-18.pdf>

9-page guide for starting buprenorphine in the hospital that includes indications for buprenorphine vs. methadone, withdrawal adjuncts, and discharge considerations, from The California Bridge Program (formerly Project SHOUT)

Clinical Opioid Withdrawal Score (COWS) Scorecard

<https://static1.squarespace.com/static/5acbce828f51302409d8bdcb/t/5ada36bf352f53908381b90c/1524250303531/COWS+SCORE+CARD.pdf>

Clinical Opioid Withdrawal Score score sheet from The California Bridge Program (formerly Project SHOUT)

PCSS: Buprenorphine Training Links

<https://pcssnow.org/medication-assisted-treatment/waiver-training-for-physicians/>

Schedule of upcoming x-waiver trainings for physicians

NURSE BUPRENORPHINE FACT SHEET

Buprenorphine Fact Sheet: Appendix 15 of of Englander et al. "Tools to Support Hospital-based Addiction Care: Core Components, Values and Activities of the Improving Addiction Care Team" JAM 2019

MAT Federal Regulation Guidelines

<https://www.samhsa.gov/programs-campaigns/medication-assisted-treatment/legislation-regulations-guidelines/special>

DEA rule describing the circumstances physicians and other hospital personnel can prescribe buprenorphine in the hospital without a waiver. This language may help inform the buprenorphine policy in your hospital.

S2 Slides: Buprenorphine in Hospital Care

Session 2 didactic slide set: "Buprenorphine in Hospital Care" presented by Dr. Jennifer Hartley

Microdosing

Lemke_Microdosing - Initiating OAT for OUD

Helpful microdosing resource: Amer Raheemullah, MD, Anna Lembke, MD. Initiating Opioid Agonist Treatment for Opioid Use Disorder in the Inpatient Setting: A Teachable Moment. *JAMA International Medicine*, March 2019

Terasaki - Microdosing: methadone to bup

TERASAKI et al. 2019. Transitioning Hospitalized Patients with Opioid Use Disorder from Methadone to Buprenorphine without a Period of Opioid Abstinence Using a Microdosing Protocol. *PHARMACOTHERAPY* Volume 39, Number 10, 2019

Lee_Bup Microdosing Induction Workshop PP Slides

“Micro-dosing for induction of treatment” slides from Opioid Use Disorder In Primary Care Conference 2018, by Dr. Ken Lee

Coe et al. JAM 19_Transmucosal & Long Acting Bup_Pharm Review

Coe MA, Lofwall MR, Walsh SL. Buprenorphine Pharmacology Review: Update on Transmucosal and Long-acting Formulations. *J Addict Med*. 2019 Mar/Apr;13(2):93-103

3. Methadone in Hospital Care

OHSU MOUD Policy

OHSU's Policy for Medications for Opioid Use Disorder. Can be used to guide new policies in your hospital.

Complete Methadone Induction Guide

<https://static1.squarespace.com/static/5acbce828f51302409d8bdcb/t/5ad82764f950b7232ced92df/1524115303740/GUIDELINES+-+inpatient+methadone.docx+%281%29.pdf>

9-page document that includes indications for buprenorphine vs. methadone, withdrawal adjuncts, and discharge considerations

Quick Guide Methadone Induction

<https://static1.squarespace.com/static/5acbce828f51302409d8bdcb/t/5ad817198a922d956d9163f4/1524111129766/QUICK+GUIDE+-+Methadone+4-18-18.pdf>

1-page quick reference for methadone induction

JAMA_'99_Mod. vs High-Dose Methadone

<https://jamanetwork.com/journals/jama/fullarticle/189103>

Response to PMMC question re: dosing methadone below 60 mg.

Strain EC, Bigelow GE, Liebson IA, Stitzer ML. Moderate- vs high-dose methadone in the treatment of opioid dependence: a randomized trial. JAMA 1999;281(11):1000-5.

SAMHSA TIP 63 - MOUD

https://store.samhsa.gov/system/files/tip63_fulldoc_052919_508.pdf

SAMHSA's Treatment Improvement Protocol on Medications for Opioid Use Disorder for healthcare and addiction professionals, policymakers, patients and families

Map of Oregon OTPs

Map of Opioid Treatment Programs in Oregon

Sess 3 Slides: Methadone in Hospital

Session 3 didactic Power Point slides for Methadone in Hospital by Dr. Honora Englander

4. **Trauma Informed Care in a Hospital Setting**

TEDMED: Childhood trauma and lifetime healthcare

https://www.ted.com/talks/nadine_burke_harris_how_childhood_trauma_affects_health_across_a_lifetime?language=en

TEDMED Nadine Burke Harris: How childhood trauma affects healthcare across a lifetime

What is Trauma Informed Care?

2-page handout that outlines the basics of Trauma Informed Care (TIC)

TIC Neurobiology Take-Aways

1-page handout bullet-pointing neurobiology facts in the context of trauma

S4 Slides: Trauma Informed Care

Session 4 Power Point slides: Trauma Informed Care in Hospital Settings by Juliana Wallace, LCSW, Director of Services, Unity Center for Behavioral Health

5. **Faculty Role Play I: Acute opioid withdrawal, diagnosing SUD, discussing safer use**

Grounding Exercise

Grounding exercise using mindfulness techniques for triggered patients (e.g. PTSD)

6. Peers perspectives on Hospital Care

Englander. 2019_ Integrating Peers into Hosp

Recommendations for integrating peer mentors in hospital-based addiction care. -Englander et al. *Substance Abuse* 2019.

OHSU Peer Job Description

OHSU & MHA AO's Job description for Peer Support Specialist/Certified Recover Mentor

Collins. 2019_ Qual study of peers in hosp

"If It Wasn't for Him, I Wouldn't Have Talked to Them": Qualitative Study of Addiction Peer Mentorship in the Hospital. - Collins et al. *JGIM* 2019.

NAMI Oregon Peer Organizations

<https://namior.org/resources/community-resource-lists/peer-organizations/>

NAMI Oregon website lists peer run organizations and can help you locate peers in your area with certain specialties

OHA Peer Delivered Services site

<https://www.oregon.gov/oha/HSD/AMH-PD/Pages/News-Resources.aspx>

News on trainings, peer support studies, documents and treasure trove of peer links

S11 Slides: Peers in the Hospital Setting

Session 6 didactic PP slides: "Integrating Peers into the Hospital Setting" by Dr. Honora Englander and Sean Mahoney, CPRM

7. Overdose Prevention and Harm Reduction

Cleaning Equipment for Injecting Drugs

<https://www.thewellproject.org/hiv-information/cleaning-equipment-injecting-drugs>

Step-by-step equipment cleaning information for injection drug use to guide harm reduction conversations

Prescribe to Prevent

<https://prescribetoprevent.org/>

Prescribe to Prevent website with comprehensive naloxone prescribing information and educational resources that faculty Jackie Sharpe, PharmD recommends.

Naloxone Youtube Training Series

<https://www.oregon.gov/oha/ph/ProviderPartnerResources/EMSTraumaSystems/Pages/epi-protocol-training.aspx#naloxone>

The Multnomah County Health Department produced 5 instructional videos for teaching the public how to use the various delivery methods of naloxone. These can be used to train staff as well as patients and their families.

OD & Naloxone Guide

Guide to developing and managing Overdose Prevention and Take-Home Naloxone Project

<https://harmreduction.org/wp-content/uploads/2012/11/od-manual-final-links.pdf>

OHA Naloxone Resource page

<https://www.oregon.gov/oha/PH/PREVENTIONWELLNESS/SUBSTANCEUSE/OPIOIDS/Pages/naloxone.aspx#pharmtoolkit>

Oregon Health Authority Naloxone Resource Page. Includes list of of pharmacies that prescribe naloxone.

Harm Reduction Website

<https://harmreduction.org/>

Harm reduction website that faculty Sean Mahoney, CPRM recommends

Harm Reduction Magazine

<https://filtermag.org/category/filtermag/use-harm-reduction/>

Online magazine with articles on current harm reduction efforts that faculty Sean Mahoney, CPRM recommends

N. American Syringe XCHG Network (NASEN)

<https://nasen.org/map/>

North American Syringe Exchange Network (NASEN): Syringe Exchange Locations (map) and information

North Coast Syringe XCH Info

<https://www.oregonpainguidance.org/regions/north-coast/syringe-exchange-information/>

Oregon Pain Guidance: North Coast Syringe Exchange Information

Harm Reduction Kit Information

Item list for Harm Reduction Kit that MHA AO Peer Recovery Mentors give to discharging hospital patients and Syringe Exchange locations in Oregon

SAMHSA Overdosing and Prevention Toolkit

<https://store.samhsa.gov/system/files/sma18-4742.pdf>

Thakarar. Health and safety of PWID - Checklist

Thakarar, Weinstein, Walley. 2016. Optimising health and safety of people who inject drugs during transition from acute to outpatient care: narrative review with clinical checklist. *Postgraduate Medical Journal*.

Cunningham 2004. Medical model v. Harm reduction

Highly recommended read: Heller D, McCoy K, Cunningham C. An Invisible Barrier to Integrating HIV Primary Care with Harm Reduction Services: Philosophical Clashes Between the Harm Reduction and Medical Models. *Public Health Rep*. 2004 Jan-Feb;119(1):32-9.

Larochelle_2016_Opioid Rx after OD

Opioid Prescribing After Nonfatal Overdose and Association with Repeated Overdose: A Cohort Study. - Larochelle et al. *Annals of Internal Medicine* 2016

Gregg, J. 2016. Follow-up to Opioid OD

Gregg, J. Follow-up to Nonfatal Opioid Overdoses: More of the Same or an Opportunity for Change? *Annals of Internal Medicine* 2016.

Patient-facing Harm Reduction handout

Harm reduction information for patients: Tips for preventing overdose and infections for people who use drugs.

S6 Slides: Harm Reduction & OD Prevention

Didactic slides for session 7 on Harm Reduction and Overdose Prevention presented by Jackie Sharpe, PharmD and Sean Mahoney, CPRM

8. Methamphetamine Use Disorder

S8 Slides: Methamphetamine Use Disorder

Didactic slide set for session 8 titled "Methamphetamine Use Disorder" By Dr. Jessica Gregg and Dr. Ximena Levander

Roll_Contingency Management for MUD Tx_2006

Roll JM, Petry NM, Stitzer ML, et al. Contingency management for the treatment of methamphetamine use disorders. *The American journal of psychiatry* 2006;163:1993-9.

Roll_Duration effects of CM for Tx of MUD_2013

Roll JM, Chudzynski J, Cameron JM, Howell DN, McPherson S. Duration effects in contingency management treatment of methamphetamine disorders. *Addictive behaviors* 2013;38:2455-62.

9. Community SUD Treatment Settings

Oregon Pain Guidance

<https://www.oregonpainguidance.org/regions/>

Oregon Pain Guidance - Oregon's regional approach to opioid prevention work

Buprenorphine Practitioner Treatment Locator

<https://www.samhsa.gov/medication-assisted-treatment/practitioner-program-data/treatment-practitioner-locator>

SAMHSA Buprenorphine Practitioner Treatment Locator

Behavioral Health Treatment Services Locator

<https://findtreatment.samhsa.gov/>

SAMHSA Behavioral Health Treatment Services Locator

MH & Substance Use provider directory

<https://healthshare-bhplan-directory.com/>

Healthshare Mental Health and Substance Use provider directory

S9 Slides: Community SUD Tx Settings

Slide set for session 9 didactic: "Community SUD Treatment Settings" by Stacey Mahoney, LCSW, IMPACT Social Worker

10. Acute pain in the Setting of Opioid Use Disorder

OHSU Perioperative Buprenorphine Policy

OHSU's policy for perioperative buprenorphine. Can use to inform policy change in your facility.

Quick Guide: Acute Pain and OUD

Quick Guide: Acute Pain and Perioperative Management in Opioid Use Disorder by Project SHOUT

Guidance: Tx of acute pain in pts receiving bup

Providers Clinical Support System for MAT (MOUD) Training: Treatment of acute pain in patients receiving buprenorphine/naloxone

OUD Pain Video Training Series

OUD & pain resources: Link & email language to introduce colleagues to Relief+ 8 module video training series

OHSU's Ketamine Policy

OHSU's Ketamine Policy, can be used to guide policy development

OHSU Ketamine Order Set

OHSU's Ketamine order set

S10 Slides: Acute Pain in Setting of OUD

Session 10 didactic PowerPoint slides: "Acute Pain in the Setting of Opioid Use Disorder" By Dr. Jessica Gregg and Lisa Whitmore, NP

11. Faculty role play II: Difficult patient encounters

OHSU Safety Care Plan Updated 12/2019

OHSU Nurses Patient Safety Care Plan/Safety Agreement, an updated version of Care Plan (Appx. 9) published in Englander et al. Tools to Support Hospital-Based Addiction Care: Core Components, Values, and Activities of the Improving Addiction Care Team. *JAM* 2019

12. Organizational Buy-in for System Level Change

Englander_Effects of IMPACT on Providers_'18

"We've learned it's a medical illness, not a moral choice": Qualitative study of the effects of a multicomponent addiction intervention on hospital providers' attitudes and experiences. - Englander H, Collins D, Perry SP, Rabinowitz M, Phoutrides E, Nicolaidis C. Journal of Hospital Medicine, 2018.

12 Slides: Organizational Buy-in Systems Change

Session 12 didactic titled "Organizational buy-in for systems change" by Dr. Honora Englander

Extra Resources:

IMPACT & Addiction Consult Service Publications

Englander_Call to Action: Addressing SUD_JHM 2019

A Call to Action: Hospitalists' Role in Addressing Substance Use Disorder. - Englander H, Priest KC, Snyder H, Martin M, Calcaterra S, Gregg J. *Journal of Hospital Medicine* 2019.

Englander et al. IMPACT Development_JHM 2017

Planning and Designing the Improving Addiction Care Team (IMPACT) for Hospitalized Adults with Substance Use Disorder. - Englander H, Weimer M, Solotaroff R, Nicolaidis C, Chan B, Velez C, Noice A, Hartnett T, Blackburn E, Barnes P, Korthuis TK. *Journal of Hospital Medicine* 2017.

Englander et al. IMPACT SUD Tx engagement_2019

Inpatient addiction medicine consultation and post-hospital substance use disorder treatment engagement: a propensity-matched analysis. - Englander H, Dobbertin K, Lind BK, et al. *Journal General Internal Medicine* 2019.

Velez_Qual: IMPACT Pt Perspectives JGIM '17

"It's been an Experience, a Life Learning Experience": A Qualitative Study of Hospitalized Patients with Substance Use Disorders - Velez CM, Nicolaidis C, Korthuis PT, Englander H. *Journal General Internal Medicine* 2017.

Englander_Medically Enhanced Residential_2018

Lessons learned from the implementation of a medically enhanced residential treatment (MERT) model integrating intravenous antibiotics and residential addiction treatment. - Englander H, Wilson T, Collins D, Phoutrides E, Weimer M, Korthuis PT, Calcagni J, Nicolaidis C. *Substance Abuse* 2018.

Saitz_Tx for OUD Must Be Offered_JAM 2019

Treatment for opioid addiction must be offered in general hospitals: but how? - Saitz R. *Journal of Addiction Medicine* 2019.

Other Substances

Kratom Withdrawal Systematic Review

Stanciu et al. Kratom Withdrawal: A Systematic Review with Case Series, *Journal of Psychoactive Drugs*, 2019.

National Institute on Drug Abuse: Inhalants

<https://www.drugabuse.gov/drugs-abuse/inhalants>

National Institute on Drug Abuse: Information on Inhalants

Alcohol Screening and Brief Intervention

A POCKET GUIDE FOR Alcohol Screening and Brief Intervention. Condensed from the 34-page NIAAA guide: Helping Patients Who Drink Too Much: A Clinician's Guide

List of Medications for AUD Treatment

Medications for the treatment of Alcohol Use Disorder – FDA approval, dosage & adverse effects

S7 Slides: Medications for Alcohol Use Disorder

PowerPoint slide set for session 7 didactic on Medications for Alcohol Use Disorder by Dr. Raymond Garcia-Dwyer

Pregnancy

Substance Use during Pregnancy

<https://www.gutmacher.org/print/state-policy/explore/substance-use-during-pregnancy>

Gutmacher Institute: State policies on Substance Use During Pregnancy

Pregnancy and Opioids Recommendations

<https://www.oregon.gov/oha/PH/PREVENTIONWELLNESS/SUBSTANCEUSE/OPIOIDS/Documents/Oregon-Pregnancy-and-Opioids-Recommendations.pdf>

Oregon Pregnancy and Opioids Workgroup Recommendations - Oregon Health Authority

Care Coordination

ED Information Exchange (EDIE) Info

<https://www.oregon.gov/oha/HPA/dsi-tc/Documents/1D-HIT-Kirchoff.pdf>

Emergency Department Information Exchange (EDIE) is a notification system for high utilizers/those with complex needs. It lists ED and inpatient visits (lists dates, facilities, diagnosis/chief complaint) within 12 month period & PDMP. Those documenting offer tips, strategies, and recommendations for supporting complex patient needs.