

# STANFORD DEA MATE: Substance Use Disorder Management



## DEA MATE | References

### Module 1:

Gabay, M. (2013). The federal controlled substances act: schedules and pharmacy registration. *Hosp Pharm*, 48(6), 473-474.

Gabay, M. (2013). Federal controlled substances act: controlled substances prescriptions. *Hosp Pharm*, 48(8), 644-645.

Jones, C. M., Lurie, P. G., & Throckmorton, D. C. (2016). Effect of US Drug Enforcement Administration's Rescheduling of Hydrocodone Combination Analgesic Products on Opioid Analgesic Prescribing. *JAMA Intern Med*, 176(3), 399-402.

Kaldy, J. (2016). Controlled Substances Add New Layer to E-Prescribing. *Consult Pharm*, 31(4), 200-206.

Manchikanti, L., Kaye, A. M., Knezevic, N. N., McAnally, H., Slavin, K., Trescot, A. M., ... Hirsch, J. A. (2017). Responsible, Safe, and Effective Prescription of Opioids for Chronic Non-Cancer Pain: American Society of Interventional Pain Physicians (ASIPP) Guidelines. *Pain Physician*, 20(2S), S3-S92.

Barrett, J. S. (2022). *Fundamentals of Drug Development*. John Wiley & Sons, Inc. <https://doi.org/10.1002/9781119913276>.

### Module 2:

Barthwell, A. G., Allgaier, J., & Egli, K. (2018). Definitive urine drug testing in office-based opioid treatment: a literature review. *Crit Rev Toxicol*, 48(10), 829-852.

Mahajan, G. (2017). Role of Urine Drug Testing in the Current Opioid Epidemic. *Anesthesia and analgesia*, 125(6), 2094–2104. <https://doi.org/10.1213/ANE.0000000000002565>.

Melanson, S. E. (2012). The utility of immunoassays for urine drug testing. *Clinics in laboratory medicine*, 32(3), 429–447. <https://doi.org/10.1016/j.cll.2012.06.004>.

Moeller, K. E., Kissack, J. C., Atayee, R. S., & Lee, K. C. (2017). Clinical Interpretation of Urine Drug Tests: What Clinicians Need to Know About Urine Drug Screens. *Mayo Clinic proceedings*, 92(5), 774–796. <https://doi.org/10.1016/j.mayocp.2016.12.007>.

Nagpal, G., Heiman, H., & Haymond, S. (2017). Interpretation of Urine Drug Screens: Metabolites and Impurities. *JAMA*, 318(17), 1704–1705. doi:10.1001/jama.2017.10910.

### Module 3:

Dart, R. C., Surratt, H. L., Cicero, T. J., Parrino, M. W., Severtson, S. G., Bucher-Bartelson, B., & Green, J. L. (2015). Trends in opioid analgesic abuse and mortality in the United States. *N Engl J Med*, 372(3), 241-248. <https://doi.org/10.1056/NEJMsa1406143>. PMID: 25587948.

Upp, L. A., & Waljee, J. F. (2020). The Opioid Epidemic. *Clin Plast Surg*, 47(2), 181-190. <https://doi.org/10.1016/j.cps.2019.12.005>. PMID: 32115045.

Losby, J. L., Hyatt, J. D., Kanter, M. H., Baldwin, G., & Matsuoka, D. (2017). Safer and more appropriate opioid prescribing: a large healthcare system's comprehensive approach. *J Eval Clin Pract*, 23(6), 1173-1179. <https://doi.org/10.1111/jep.12756>. PMID: 28707421.

Duan, L., Lee, M., Adams, J. L., Sharp, A. L., & Doctor, J. N. (2022). Opioid and Naloxone Prescribing Following Insertion of Prompts in the Electronic Health Record to Encourage Compliance With California State Opioid Law. *JAMA Netw Open*, 5(5), e229723. <https://doi.org/10.1001/jamanetworkopen.2022.9723>.

Centers for Disease Control and Prevention (CDC). (2022). *CDC Clinical Practice Guideline for Prescribing Opioids for Pain — United States, 2022*. Retrieved from <https://www.cdc.gov/mmwr/volumes/71/rr/rr7103a1.htm>.

### Module 4:

Substance Abuse and Mental Health Services Administration (SAMHSA). (2020). *Treatment of Stimulant Use Disorders*. SAMHSA Publication No. PEP20-06-01-001. Rockville, MD: National Mental Health and Substance Use Policy Laboratory. Substance Abuse and Mental Health Services Administration.

Substance Abuse and Mental Health Services Administration. (2021). *Treatment for Stimulant Use Disorders*. Treatment Improvement Protocol (TIP) Series 33. SAMHSA Publication No. PEP21-02-01-004. Rockville, MD: Substance Abuse and Mental Health Services Administration.

Ciccarone, D. (2011). Stimulant abuse: Pharmacology, cocaine, methamphetamine, treatment, attempts at pharmacotherapy. *Primary Care: Clinics in Office Practice*, 38(1), 41-58.

Panenka, W. J., Procyshyn, R. M., Lecomte, T., MacEwan, G. W., Flynn, S. W., Honer, W. G., & Barr, A. M. (2013). Methamphetamine use: A comprehensive review of molecular, preclinical and clinical findings. *Drug and Alcohol Dependence*, 129(3), 167-179.

Zeiderman, M. R., & Pereira, C. T. (2021). Substance addiction and the hand surgery patient: a comprehensive review. *J Hand Surg Am*, 46(9), 790-799.

Trasolini, N. MD, Kang, H. MD, Carney, J. BS, Rounds, A. BS, Murrietta, A. BS, & Marecek, G. S. MD. (2020). Orthopaedic Injury Profiles in Methamphetamine Users: A Retrospective Observational Study. *Journal of the American Academy of Orthopaedic Surgeons*, 28(1), e28-e33. DOI: 10.5435/JAAOS-D-18-00618.

Brahm, N. C., Yeager, L. L., Fox, M. D., Farmer, K. C., & Palmer, T. A. (2010). Commonly prescribed medications and potential false-positive urine drug screens. *Am J Health Syst Pharm*, 67(16), 1344-1350. DOI: 10.2146/ajhp090477. PMID: 20689123.

Elkassabany, N., Speck, R. M., Oslin, D., Hawn, M., Chaichana, K., Sum-Ping, J., Sepulveda, J., Whitley, M., & Sakawi, Y. (2013). Preoperative screening and case cancellation in cocaine-abusing veterans scheduled for elective surgery. *Anesthesiol Res Pract*, 2013, 149892. DOI: 10.1155/2013/149892. PMID: 24069030; PMCID: PMC3771248.

Satish, S., Freeman, C., & Culhane, J. (2021). Urine drug screen positive for cocaine and amphetamine is not an adverse risk factor for cardiovascular morbidity or mortality in trauma. *Trauma Surg Acute Care Open*, 6(1), e000749. DOI: 10.1136/tsaco-2021-000749. PMID: 34514174; PMCID: PMC8383867.

Hill, G. E., Ogunnaike, B. O., & Johnson, E. R. (2006). General anaesthesia for the cocaine abusing patient. Is it safe? *Br J Anaesth*, 97(5), 654-657. DOI: 10.1093/bja/ael221. PMID: 16914461.

Moon, T. S., Gonzales, M. X., Sun, J. J., Kim, A., Fox, P. E., Minhajuddin, A. T., Pak, T. J., & Ogunnaike, B. (2019). Recent cocaine use and the incidence of hemodynamic events during general anesthesia: A retrospective cohort study. *J Clin Anesth*, 55, 146-150. DOI: 10.1016/j.jclinane.2018.12.028. PMID: 30660093.

Edwards, A. M., Johnson, E. G., & Bernard, A. C. (2020). Intraoperative vasopressor use during emergency surgery on injured meth users. *Trauma Surg Acute Care Open*, 5(1), e000553. DOI: 10.1136/tsaco-2020-000553. PMID: 33225071; PMCID: PMC7661360.

Githens, T., DeBaun, M. R., Campbell, S. T., Wu, E. J., Goodnough, L. H., Lichstein, P., Painter, C., Krygier, J. E., Bishop, J., & Gardner, M. J. (2019). Rates of Perioperative Complications Among Patients Undergoing Orthopedic Trauma Surgery Despite Having Positive Results for Methamphetamine. *Orthopedics*, 42(4), 192-196. DOI: 10.3928/01477447-20190523-01. PMID: 31136677.

Benham, D. A., Rooney, A. S., Calvo, R. Y., Carr, M. J., Diaz, J. A., Sise, C. B., Bansal, V., Sise, M. J., & Martin, M. J. (2021). The rising tide of methamphetamine use in elderly trauma patients. *Am J Surg*, 221(6), 1246-1251.

Safdari, K. M., Converse, C., Dong, F., MacDougall, N. A., Hyer, K., Runyon, A., Ahlering, H., Comunale, M. E. (2022). Hemodynamic Effects of Methamphetamine and General Anesthesia. *Anesthesiol Res Pract*, 2022, 7542311. DOI: 10.1155/2022/7542311. PMID: 35222639; PMCID: PMC8872671.

Substance Abuse and Mental Health Services Administration. (2021). *Treatment for Stimulant Use Disorders*. Treatment Improvement Protocol (TIP) Series 33. SAMHSA Publication No. PEP21-02-01-004. Rockville, MD: Substance Abuse and Mental Health Services Administration.

#### Module 5:

U.S. Department of Health & Human Services (HHS). (n.d.). Opioid Statistics. Retrieved from <https://www.hhs.gov/opioids/statistics/index.html>

Centers for Disease Control and Prevention (CDC). (2022). Wide-ranging online data for epidemiologic research (WONDER). Atlanta, GA: National Center for Health Statistics. Available at <http://wonder.cdc.gov>.

Hedegaard, H., Miniño, A. M., Spencer, M. R., & Warner, M. (2021). Drug Overdose Deaths in the United States, 1999–2020. National Center for Health Statistics, December 2021.

Spencer, M. R., Miniño, A. M., & Warner, M. (2022). Drug overdose deaths in the United States, 2001–2021. *NCHS Data Brief, no 457*. Hyattsville, MD: National Center for Health Statistics. DOI: <https://dx.doi.org/10.15620/cdc:122556>

Centers for Disease Control and Prevention (CDC). (n.d.). Opioid Data Analysis Resources. Retrieved from <https://www.cdc.gov/opioids/data/analysis-resources.html>

Centers for Disease Control and Prevention (CDC). (2011). Vital signs: overdoses of prescription opioid pain relievers—United States, 1999–2008. *MMWR Morb Mortal Wkly Rep*, 60(43), 1487-1492.

National Institute on Drug Abuse (NIDA). (2021, December 15). Percentage of adolescents reporting drug use decreased significantly in 2021 as the COVID-19 pandemic endured. Retrieved from <https://nida.nih.gov/news-events/news-releases/2021/12/percentage-of-adolescents-reporting-drug-use-decreased-significantly-in-2021-as-the-covid-19-pandemic-endured> on 2023, November 14.

National Institute on Drug Abuse (NIDA). (2022, December 15). Most reported substance use among adolescents held steady in 2022. Retrieved from <https://nida.nih.gov/news-events/news-releases/2022/12/most-reported-substance-use-among-adolescents-held-steady-in-2022> on 2023, November 14.

Friedman, J., Godvin, M., Shover, C. L., Gone, J. P., Hansen, H., & Schriger, D. L. (2022). Trends in Drug Overdose Deaths Among US Adolescents, January 2010 to June 2021. *JAMA*, 327(14), 1398–1400. doi:10.1001/jama.2022.2847

Tanz, L. J., Dinwiddie, A. T., Mattson, C. L., O'Donnell, J., & Davis, N. L. (2022). Drug Overdose Deaths Among Persons Aged 10–19 Years — United States, July 2019–December 2021. *MMWR Morb Mortal Wkly Rep*, 71, 1576–1582. DOI: <http://dx.doi.org/10.15585/mmwr.mm7150a2>

McCabe, S. E., West B. T., Veliz P., McCabe V. V., Stoddard S. A., & Boyd C. J. (2017). Trends in medical and nonmedical use of prescription opioids among US adolescents: 1976–2015. *Pediatrics*, 13(4), e20162387

Kann, L., McManus, T., Harris, W. A., et al. (2018). Youth risk behavior surveillance - United States, 2017. *MMWR Surveill Summ*, 67(8), 1–11

Muhuri, P. K., Gfroerer, J. C., & Davies, M. C. (2013). Associations of nonmedical pain reliever use and initiation of heroin use in the United States 2013. Substance Abuse and Mental Health Services Administration.

Cicero, T. J., Ellis, M. S., Surratt, H. L., & Kurtz, S. P. (2014). The changing face of heroin use in the United States: a retrospective analysis of the past 50 years. *JAMA Psychiatry*, 71(7), 821–826

Robinson, C. A., Wilson, J. D. (2020). Management of Opioid Misuse and Opioid Use Disorders Among Youth. *Pediatrics*, 145(Supplement\_2), S153–S164. doi:10.1542/peds.2019-2056C

Knight, J. R., Sherritt, L., Shrier, L. A., Harris, S. K., & Chang, G. (2002). Validity of the CRAFFT Substance Abuse Screening Test Among Adolescent Clinic Patients. *Archives of Pediatrics & Adolescent Medicine*, 156, 607–614

Levy, S. (2019). Youth and the Opioid Epidemic. *Pediatrics*, 143(2), e20182752.  
doi:10.1542/peds.2018-2752

\*\*Dydyk, A. M., Jain, N. K., Gupta, M

#### Module 6:

American Journal of Obstetrics and Gynecology (Am J Obstet Gynecol). (2011, July). 205(1), 51.e1–51.e8.

Baldacchino, A., Arbuckle, K., Petrie, D. J., & McCowan, C. (2014). Neurobehavioral consequences of chronic intrauterine opioid exposure in infants and preschool children: A systematic review and meta-analysis. *BMC Psychiatry*, 14, 104.

Bateman, B. T. (2014, May). Patterns of opioid utilization in pregnancy in a large cohort of commercial insurance beneficiaries in the United States. *Anesthesiology*, 120(5), 1216-1224.

Broussard, C. S. (2011). Maternal treatment with opioid analgesics and risk for birth defects. *American Journal of Obstetrics and Gynecology (Am J Obstet Gynecol)*, 204, 314.e1–11.

Centers for Disease Control and Prevention (CDC). (n.d.). Data and Statistics About Opioid Use During Pregnancy. Retrieved from <https://www.cdc.gov/pregnancy/opioids/data.html>

Centers for Disease Control and Prevention (CDC). (n.d.). FastStats - Births. Retrieved from <http://www.cdc.gov/nchs/fastats/births.htm>

Current Neurology and Neuroscience Reports. (2016). 16, 40. Retrieved from [www.fda.gov/downloads/Drugs/NewsEvents/UCM307835.pdf](http://www.fda.gov/downloads/Drugs/NewsEvents/UCM307835.pdf)

Drugs and Lactation Database (LactMed®). (2006-). National Institute of Child Health and Human Development. Retrieved from <https://www.ncbi.nlm.nih.gov/books/NBK501922/>

Interventions for preventing and treating low-back and pelvic pain during pregnancy. (2015, September 9). *Cochrane Database of Systematic Reviews*, 2015(9), CD001139.

Pain Physician. (2015, Mar-Apr). 18(2), E261-4.

Sithisarn, T., Granger, D. T., & Bada, H. S. (2012). Consequences of prenatal substance use. *International Journal of Adolescent Medicine and Health, 24*, 105–112.

Swedish Medical Register, Drugs 76(9). (2016).

Volpe, D. A., et al. *Regulatory Toxicology and Pharmacology, 76*(9), May 2016.

#### Module 7:

Dureja, Iyer, Das, Ahdal, & Narang. (2017). Evidence and consensus recommendations for the pharmacological management of pain in India. *Journal of Pain Research, 10*, 709-736.

van der Heide, H. J., Rijnberg, W. J., Van Sorge, A., Van Kampen, A., & Schreurs, B. W. (2007, February). Similar effects of rofecoxib and indomethacin on the incidence of heterotopic ossification after hip arthroplasty. *Acta Orthopaedica, 78*(1), 90-94. doi: 10.1080/17453670610013475. PMID: 17453398.

Bonnesen, K., & Schmidt, M. (2021, November). Recategorization of Non-Aspirin Nonsteroidal Anti-inflammatory Drugs According to Clinical Relevance: Abandoning the Traditional NSAID Terminology. *Canadian Journal of Cardiology, 37*(11), 1705-1707. doi: 10.1016/j.cjca.2021.06.014. PMID: 34182020.

Verret, M., Lauzier, F., Zarychanski, R., Perron, C., Savard, X., Pinard, A. M., ... Turgeon, A. F., the Canadian Perioperative Anesthesia Clinical Trials (PACT) Group. (2020). Perioperative Use of Gabapentinoids for the Management of Postoperative Acute Pain: A Systematic Review and Meta-analysis. *Anesthesiology, 133*, 265-279. doi: <https://doi.org/10.1097/ALN.0000000000003428>

Gorlin, A. W., Rosenfeld, D. M., & Ramakrishna, H. (2016, April-June). Intravenous sub-anesthetic ketamine for perioperative analgesia. *Journal of Anaesthesiology Clinical Pharmacology, 32*(2), 160-167. doi: 10.4103/0970-9185.182085. PMID: 27275042; PMCID: PMC4874067.

Dunn, L. K., & Durieux, M. E. (2017). Perioperative Use of Intravenous Lidocaine. *Anesthesiology, 126*, 729-737. doi: <https://doi.org/10.1097/ALN.0000000000001527>

#### Module 8:

Substance Abuse and Mental Health Services Administration (SAMHSA): Treatment of Stimulant Use Disorders. *SAMHSA Publication No. PEP20-06-01-001*. Rockville, MD: National

Mental Health and Substance Use Policy Laboratory. Substance Abuse and Mental Health Services Administration, 2020.

Substance Abuse and Mental Health Services Administration. Treatment for Stimulant Use Disorders. Treatment Improvement Protocol (TIP) Series 33. *SAMHSA Publication No. PEP21-02-01-004*. Rockville, MD: Substance Abuse and Mental Health Services Administration, 2021.

Ciccarone, D. (2011). Stimulant abuse: Pharmacology, cocaine, methamphetamine, treatment, attempts at pharmacotherapy. *Primary Care: Clinics in Office Practice*, 38(1), 41-58.

Panenka, W. J., Procyshyn, R. M., Lecomte, T., MacEwan, G. W., Flynn, S. W., Honer, W. G., & Barr, A. M. (2013). Methamphetamine use: A comprehensive review of molecular, preclinical and clinical findings. *Drug and Alcohol Dependence*, 129(3), 167-179.

Zeiderman MR, Pereira CT. Substance addiction and the hand surgery patient: a comprehensive review. *Journal of Hand Surgery*, 46(9), 790-799.

Trasolini, N. MD; Kang, H. MD; Carney, J. BS; Rounds, A. BS; Murrietta, A. BS; Marecek, G. S. MD. (2020). Orthopaedic Injury Profiles in Methamphetamine Users: A Retrospective Observational Study. *Journal of the American Academy of Orthopaedic Surgeons*, 28(1), e28-e33. DOI: 10.5435/JAAOS-D-18-00618.

Brahm NC, Yeager LL, Fox MD, Farmer KC, Palmer TA. (2010, August 15). Commonly prescribed medications and potential false-positive urine drug screens. *American Journal of Health-System Pharmacy*, 67(16), 1344-1350. doi: 10.2146/ajhp090477. PMID: 20689123.

Elkassabany N, Speck RM, Oslin D, Hawn M, Chaichana K, Sum-Ping J, Sepulveda J, Whitley M, Sakawi Y. (2013). Preoperative screening and case cancellation in cocaine-abusing veterans scheduled for elective surgery. *Anesthesiology Research and Practice*, 2013, 149892. doi: 10.1155/2013/149892. PMID: 24069030; PMCID: PMC3771248.

Satish S, Freeman C, Culhane J. (2021, August 23). Urine drug screen positive for cocaine and amphetamine is not an adverse risk factor for cardiovascular morbidity or mortality in trauma. *Trauma Surgery & Acute Care Open*, 6(1), e000749. doi: 10.1136/tsaco-2021-000749. PMID: 34514174; PMCID: PMC8383867.

Hill GE, Ogunnaike BO, Johnson ER. (2006, November). General anaesthesia for the cocaine abusing patient. Is it safe? *British Journal of Anaesthesia*, 97(5), 654-657. doi: 10.1093/bja/ael221. PMID: 16914461.

Moon TS, Gonzales MX, Sun JJ, Kim A, Fox PE, Minhajuddin AT, Pak TJ, Ogunnaike B. (2019, August). Recent cocaine use and the incidence of hemodynamic events during general



anesthesia: A retrospective cohort study. *Journal of Clinical Anesthesia*, 55, 146-150. doi: 10.1016/j.jclinane.2018.12.028. Epub 2019 Jan 16. PMID: 30660093.

Edwards AM, Johnson EG, Bernard AC. (2020, November 11). Intraoperative vasopressor use during emergency surgery on injured meth users. *Trauma Surgery & Acute Care Open*, 5(1), e000553. doi: 10.1136/tsaco-2020-000553. PMID: 33225071; PMCID: PMC7661360.

Githens T, DeBaun MR, Campbell ST, Wu EJ, Goodnough LH, Lichstein P, Painter C, Krygier JE, Bishop J, Gardner MJ. (2019, July 1). Rates of Perioperative Complications Among Patients Undergoing Orthopedic Trauma Surgery Despite Having Positive Results for Methamphetamine. *Orthopedics*, 42(4), 192-196. doi: 10.3928/01477447-20190523-01. Epub 2019 May 28. PMID: 31136677.

Benham DA, Rooney AS, Calvo RY, Carr MJ, Diaz JA, Sise CB, Bansal V, Sise MJ, Martin MJ. (2021, June). The rising tide of methamphetamine use in elderly trauma patients. *American Journal of Surgery*, 221(6), 1246-1251.

Safdari KM, Converse C, Dong F, MacDougall NA, Hyer K, Runyon A, Ahlering H, Comunale ME. (2022, February 17). Hemodynamic Effects of Methamphetamine and General Anesthesia. *Anesthesiology Research and Practice*, 2022, 7542311. doi: 10.1155/2022/7542311. PMID: 35222639; PMCID: PMC8872671. \*\*Substance

#### Module 9:

Antoniou, T., Bodkin, J., & Ho, J. M. (2020, March 2). Drug interactions with cannabinoids. *CMAJ*, 192(9), E206. doi: 10.1503/cmaj.191097. PMID: 32122975; PMCID: PMC7055953.

Crocq, M. A. (2020, September). History of cannabis and the endocannabinoid system. *Dialogues in Clinical Neuroscience*, 22(3), 223-228. doi: 10.31887/DCNS.2020.22.3/mcrocq. PMID: 33162765; PMCID: PMC7605027.

Flannery, K., D'Souza, G., & Agarwal, R. (2019). Perioperative Management of the Pediatric Patient on Medicinal Marijuana: What Anesthesiologists Should Know. *Anesthesia & Analgesia*, 129(5), 1339-1343. doi: 10.1213/ANE.0000000000003956.

Grotenhermen, F. (2003). Pharmacokinetics and pharmacodynamics of cannabinoids. *Clinical Pharmacokinetics*, 42, 327-360.

Lis Dahl, K. M., Wright, N. E., Kirchner-Medina, C., Maple, K. E., & Shollenbarger, S. Considering cannabis: The effects of regular cannabis use on neurocognition in adolescents and young adults. *Current Addiction Reports*, 1(2), 144-156.

Marzo, V. D., Bifulco, M., & Petrocellis, L. D. (2004). The endocannabinoid system and its therapeutic exploitation. *Nature Reviews Drug Discovery*, 3(9), 771–784. doi: 10.1038/nrd1495.

Miech, R. A., Johnston, L. D., Patrick, M. E., O'Malley, P. M., Bachman, J. G., & Schulenberg, J. E. (2023). Monitoring the Future National Survey Results on Drug Use, 1975–2022: Secondary School Students. *Ann Arbor: Institute for Social Research, The University of Michigan*.

Moore, T. H., Zammit, S., Lingford-Hughes, A., et al. (2007). Cannabis use and risk of psychotic or affective mental health outcomes: A systematic review. *The Lancet*, 370(9584), 319–328.

Rice, A. S. C., Belton, J., & Arendt-Nielsen, L. (2021, July). Presenting the outputs of the IASP Presidential Task Force on Cannabis and Cannabinoid Analgesia. *PAIN*, 162(7), S3-S4. DOI: 10.1097/j.pain.0000000000002210.

Wong, S. S., & Wilens, T. E. (2017). Medical Cannabinoids in Children and Adolescents: A Systematic Review. *Pediatrics*, 140(5), e20171818.

California Department of Public Health. (Online Source)

#### Module 10:

Zullo, A. R., Danko, K. J., Moyo, P., Adam, G. P., Riester, M., Kimmel, H. J., Panagiotou, O. A., Beaudoin, F. L., Carr, D., & Balk, E. M. (2020). Prevention, Diagnosis, and Management of Opioids, Opioid Misuse, and Opioid Use Disorder in Older Adults [Internet]. Rockville (MD): Agency for Healthcare Research and Quality (US). Report No.: 21-EHC005. PMID: 33211447.

Montiel Ishino, F. A., McNab, P. R., Gilreath, T., Salmeron, B., & Williams, F. (2020). A comprehensive multivariate model of biopsychosocial factors associated with opioid misuse and use disorder in a 2017-2018 United States national survey. *BMC Public Health*, 20(1), 1740. <https://doi.org/10.1186/s12889-020-09856-2>.

Matta, M. S., & Janikowski, T. P. (2022). Predictors of Pain Reliever Misuse Among Respondents of the United States 2017 National Survey on Drug Use and Health. *Subst Abuse*, 16, 11782218221111843.

Hah, J. (2021). Risk factors and screening for opioid misuse: current clinical implications for prescription opioid therapy. *Pain Manag*, 11(6), 625-630. <https://doi.org/10.2217/pmt-2021-0049>.

Barry, D. T., Goulet, J. L., Kerns, R. K., Becker, W. C., Gordon, A. J., Justice, A. C., & Fiellin, D. A. (2011). Nonmedical use of prescription opioids and pain in veterans with and without HIV. *Pain*, 152, 1133-1138.

Becker, W. C., Fiellin, D. A., Gallagher, R. M., Barth, K. S., Ross, J. T., & Oslin, D. W. (2009). The association between chronic pain and prescription drug abuse in Veterans. *Pain Med*, *10*, 531-536.

Novak, S. P., Herman-Stahl, M., Flannery, B., & Zimmerman, M. (2009). Physical pain, common psychiatric and substance use disorders, and the non-medical use of prescription analgesics in the United States. *Drug Alcohol Depend*, *100*, 63-70.

Tam, C. C., Zeng, C., & Li, X. (2020). Prescription opioid misuse and its correlates among veterans and military in the United States: A systematic literature review. *Drug Alcohol Depend*, *216*, 108311. <https://doi.org/10.1016/j.drugalcdep.2020.108311>.

LaRowe, L. R., Powers, J. M., Garey, L., Rogers, A. H., Zvolensky, M. J., & Ditre, J. W. (2020). Pain-related anxiety, sex, and co-use of alcohol and prescription opioids among adults with chronic low back pain. *Drug Alcohol Depend*, *214*, 108171. <https://doi.org/10.1016/j.drugalcdep.2020.108171>.

Martel, M. O., Edwards, R. R., & Jamison, R. N. (2020). The relative contribution of pain and psychological factors to opioid misuse: A 6-month observational study. *Am Psychol*, *75*(6), 772-783. <https://doi.org/10.1037/amp0000632>.

Groenewald, C. B., Law, E. F., Rabbitts, J. A., & Palermo, T. M. (2020). Associations between adolescent sleep deficiency and prescription opioid misuse in adulthood. *Sleep*, *zsaa201*.

Short, N. A., Austin, A. E., & Naumann, R. B. (2023). Associations between insomnia symptoms and prescription opioid and benzodiazepine misuse in a nationally representative sample. *Addict Behav*, *137*, 107507.

Hah, J. M., Sturgeon, J. A., Zocca, J., Sharifzadeh, Y., & Mackey, S. (2017). Factors Associated with Prescription Opioid Misuse in a Cross-Sectional Cohort of Patients with Chronic Non-Cancer Pain. *Journal of Pain Research*, *10*, 979-987.

National Institute on Drug Abuse. (2016). Misuse of Prescription Drugs. <https://www.drugabuse.gov/publications/researchreports/misuse-prescription-drugs/summary>.

Banerjee, G., Edelman, E. J., Barry, D. T., et al. (2016). Non-medical use of prescription opioids is associated with heroin initiation among US veterans: a prospective cohort study. *Addiction*, *111*(11), 2021-2031.

Edlund, M. J., Sullivan, M., Steffick, D., Harris, K. M., & Wells, K. B. (2007). Do users of regularly prescribed opioids have higher rates of substance use problems than nonusers? *Pain Med*, *8*(8), 647-656.

Breckenridge, J., & Clark, J. D. (2003). Patient characteristics associated with opioid versus nonsteroidal anti-inflammatory drug management of chronic low back pain. *J Pain*, 4(6), 344-350.

Dilokthornsakul, P., Moore, G., Campbell, J. D., et al. (2016). Risk Factors of Prescription Opioid Over.

Module 11:

Benore, E., D'Auria, A., Banez, G. A., Worley, S., & Tang, A. (2015). The influence of anxiety reduction on clinical response to pediatric chronic pain rehabilitation. *The Clinical Journal of Pain*, 31(5), 375-383. DOI: 10.1097/AJP.000000000000127

Berde, C.B., & Sethna, N.F. (2002). Analgesics for the treatment of pain in children. *The New England Journal of Medicine*, 347(14), 1094-1103. DOI: 10.1056/NEJMra012626

Bhandari, R. P., Feinstein, A. B., Huestis, S. E., Krane, E. J., Dunn, A. L., Cohen, L. L., Kao, M.C., Darnall, B.D., & Mackey, S. C. (2016). Pediatric-collaborative health outcomes information registry (Peds-CHOIR): A learning health system to guide pediatric pain research and treatment. *Pain*, 157(9), 2033-2044. DOI: 10.1097/j.pain.0000000000000609

Carboni, E., Carta, A.R., Carboni, E., & Novelli, A. (2021). Repurposing ketamine in depression and related disorders: Can this enigmatic drug achieve success?. *Frontiers in Neuroscience*, 15. DOI: 10.3389/fnins.2021.657714

Catalani, C., & Minkler, M. (2010). Photovoice: A review of the literature in health and public health. *Health Education & Behavior*, 37(3), 424–451. DOI: 10.1177/1090198109342084

Centers for Disease Control. (2022, November 28). About opioid use during pregnancy. *Centers for Disease Control*. [www.cdc.gov/pregnancy/opioids/basics.html](http://www.cdc.gov/pregnancy/opioids/basics.html)

Cirillo, C., & Francis, K., (2016). Does breast milk affect neonatal abstinence syndrome severity, the need for pharmacologic therapy, and length of stay for infants of mothers on opioid maintenance therapy during pregnancy?. *Advances in Neonatal Care*, 16(5), 369 – 378. DOI: 10.1097/ANC.0000000000000330

Drew, S.E., Duncan, R.E., & Sawyer, S.M. (2010). Visual storytelling: A beneficial but challenging method for health research with young people. *Qualitative Health Research*, 20(12), 1677–1688. DOI: 10.1177/1049732310377455

Evans, J. R., Benore, E., & Banez, G. A. (2016). The cost-effectiveness of intensive interdisciplinary pediatric chronic pain rehabilitation. *Journal of Pediatric Psychology*, 41(8), 849-856. DOI: 10.1093/jpepsy/jsv100

Feinstein, A., Sturgeon, J.A., Darnall, B.D., Dunn, A.L., Rico, T., Kao, M.C., & Bhandari, R.P. (2017). The effect of pain catastrophizing on outcomes: A developmental perspective across children, adolescents, and young adults with chronic pain. *Journal of Pain*, 18(2), 144–154. DOI: 10.1016/j.jpain.2016.10.009

Finnegan, L.P., & Kaltenbaach, K. (2023, September 15). Finnegan Neonatal Abstinence Scoring Tool (FNAST). [www.academyofneonatalnursing.org/NAS/FinneganNASTool.pdf](http://www.academyofneonatalnursing.org/NAS/FinneganNASTool.pdf)

Friedrichsdorf, S.J., Giordano, J., Dakoji, K.D., Warmuth, A., Daughtry, C., & Schulz, C.A. (2016). Chronic pain in children and adolescents: Diagnosis and treatment of primary pain disorders in head, abdomen, muscles, and joints. *Children (Basel)*, 3(4), 42. <https://doi.org/10.3390/children3040042>

Gokulu, G., Bilgen, H., Ozdemir, H., Sarioz, A., Memisoglu, A., Gucuyener, K., & Ozek, E. (2016). Comparative heel stick study showed that newborn infants who had undergone repeated painful procedures showed increased short-term pain responses. *Acta Paediatrica*, 105(11), e520-e525. DOI: 10.1111/apa.13557

Goksan, S., Hartley, C., Emery, F., Cockrill, N., Poorun, R., Moultrie, F., Rogers, R., Campbell, J., Sanders, M., Adams, E., Clare, S., Jenkinson, M., Tracey, I., & Slater, R. (2015). fMRI reveals neural activity overlap between adult and infant pain. *eLife*, 1-13. DOI: 10.7554/eLife.06356

Gottshalk, A., & Smith, D. (2001). New concepts in acute pain therapy: Preemptive analgesia. *America Family Physician*, 63(10), 1979-1985.

Grossman, M., & Berkwitz, A. (2019). Neonatal abstinence syndrome. *Seminars in Perinatology*, 43(3), 173-186. DOI: 10.1053/j.semperi.2019.01.007

Grossman, M.R., Lipshaw, M.J., Osborn, R.R., & Berkwitz, A.K. (2018). A Novel Approach to Assessing infants with neonatal absence syndrome. *Hospital Pediatrics*, 8(1), 1-6.

Heydinger, G., Karthic, A., Olbrecht, V. (2023). Current Opinion Anesthesiology. Paediatric pain management: from regional to virtual, 36(3), 347-353.

Ito, S., (2018). Opioids in Breast Milk: Pharmacokinetic Principles and Clinical Implications. *Clinical Pharmacology*, (58)\*S10, S151 – S163. <https://doi-org.laneproxy.stanford.edu/10.1002/jcph.1113>

Jilani, S., Jordan, C.J., J

Module 12:

Darnall, B. (2018, May). To treat pain, study people in all their complexity. *Nature*, 557(7703), 7. doi:10.1038/d41586-018-04994-5

Darnall, B. D., Scheman, J., Davin, S., et al. (2016, February). Pain Psychology: A Global Needs Assessment and National Call to Action. *Pain Med*, 17(2), 250-263. doi:10.1093/pm/pnv095

Darnall, B. D., Roy, A., Chen, A. L., et al. (2021, August 2). Comparison of a Single-Session Pain Management Skills Intervention With a Single-Session Health Education Intervention and 8 Sessions of Cognitive Behavioral Therapy in Adults With Chronic Low Back Pain: A Randomized Clinical Trial. *JAMA Netw Open*, 4(8), e2113401. doi:10.1001/jamanetworkopen.2021.13401

Darnall, B. D., Ziadni, M. S., Krishnamurthy, P., et al. (2019, May 13). "My Surgical Success": Effect of a Digital Behavioral Pain Medicine Intervention on Time to Opioid Cessation After Breast Cancer Surgery-A Pilot Randomized Controlled Clinical Trial. *Pain Med*. doi:10.1093/pm/pnz094

Darnall, B. D., Burns, J. W., Hong, J., Roy, A., Ziadni, M. S., You, D. S., Cook, K. F., Poupore-King, H., Slater, K., Jung, C.E., Tian, L., Mackey, S. C. (in press). Empowered Relief, Cognitive Behavioral Therapy and Health Education for People with Chronic Pain: A Comparison of Outcomes at 6-Month Follow-up for a Randomized Controlled Trial. *PAIN Reports®*

Davin, S., Savage, J., Schuster, A., Darnall, B.D. (2022, May). Transforming Standard of Care for Spine Surgery: Integration of an Online Single-Session Behavioral Pain Management Class for Perioperative Optimization. *Frontiers in Pain Research*. doi:10.3389/fpain.2022.856252

Department of Health and Human Services. (2019). *PAIN MANAGEMENT BEST PRACTICES INTER-AGENCY TASK FORCE REPORT*. pmtf-final-report-2019-05-23.pdf

Foster, N.E., Anema, J.R., Cherkin, D., et al. (2018, June 9). Prevention and treatment of low back pain: evidence, challenges, and promising directions. *Lancet*, 391(10137), 2368-2383. doi:10.1016/S0140-6736(18)30489-6

NIH Interagency Pain Research Coordinating Committee. National Pain Strategy. Accessed November 10, 2015.

*Relieving Pain in America: A Blueprint for Transforming Prevention, Care, Education, and Research*. (2011).

[www.iom.edu/~media/Files/Report%20Files/2011/Relieving-Pain-in-America-A-Blueprint-for-Transforming-Prevention-Care-Education-Research/Pain%20Research%202011%20Report%20Brief.pdf](http://www.iom.edu/~media/Files/Report%20Files/2011/Relieving-Pain-in-America-A-Blueprint-for-Transforming-Prevention-Care-Education-Research/Pain%20Research%202011%20Report%20Brief.pdf)

Seminowicz, D.A., Shpaner, M., Keaser, M.L., Krauthamer, M.G., Mantegna, J., Dumas, J.A., Newhouse, P.A., Filippi, C., Keefe, F.J., Naylor, M.R. (2013, December). Cognitive-behavioral therapy increases prefrontal cortex gray matter in patients with chronic pain. *J Pain*, 14(12), 1573-1584.

*The Mobile Relief Study*. MOBILE Relief Study

*The PROGRESS Study*. Comparative Effectiveness of Online Cognitive Behavioral Therapy vs. An Online Single-Session Pain Relief Skills Class for Chronic Pain. *Patient-Centered Outcomes Research Institute*.

[www.pcori.org/research-results/2021/comparative-effectiveness-online-cognitive-behavioral-therapy-vs-online-single-session-pain-relief-skills-class-chronic-pain](http://www.pcori.org/research-results/2021/comparative-effectiveness-online-cognitive-behavioral-therapy-vs-online-single-session-pain-relief-skills-class-chronic-pain). Accessed December 20, 2021.

Witkiewitz, K., & Vowles, K.E. (2023, June). Everybody Hurts: Intersecting and Colliding Epidemics and the Need for Integrated Behavioral Treatment of Chronic Pain and Substance Use. *Dir Psychol Sci*, 32(3), 228-235. doi:10.1177/09637214231162366. Epub 2023 Mar 21.

Ziadni, M.S., Gonzalez-Castro, L., Anderson, S., Krishnamurthy, P., Darnall, B.D. (2021, September 10). Efficacy of a Single-Session "Empowered Relief" Zoom-Delivered Group Intervention for Chronic Pain: Randomized Controlled Trial Conducted During the COVID-19 Pandemic. *J Med Internet Res*, 23(9), e29672. doi:10.2196/29672

Ziadni, M., You, D.S., Keanne, R.T., Salazar, B., Jaros, S., Ram, J., Roy, A., Tanner, N., Salmasi, V., Gardner, M., Darnall, B.D. (2022, June 13). "My Surgical Success": Feasibility and Impact of a Single-Session Digital Behavioral Pain Medicine Intervention on Pain Intensity, Pain Catastrophizing, and Time to Opioid Cessation After Orthopedic Trauma Surgery – A Randomized Trial. *Anesth Analg*.

Module 13:

Miech, R. A., & Johnston, L. D. (2022). Monitoring the Future: A Continuing Study of American Youth (8th- and 10th-Grade Surveys), 2022 (ICPSR 38883). University of Michigan Institute for Social Research. Survey Research Center. <https://www.icpsr.umich.edu>

Higham, S., Horwitz, S., & Zezima, K. (2019, March 13). The Fentanyl Failure. *The Washington Post*.  
<https://www.presidency.ucsb.edu/documents/press-release-the-washington-post-the-fentanyl-failure>

Tanz, L. J., Dinwiddie, A. T., Mattson, C. L., O'Donnell, J., & Davis, N. L. (2022). Drug Overdose Deaths Among Persons Aged 10–19 Years — United States, July 2019–December 2021.

*MMWR Morb Mortal Wkly Rep*, 71(51-52), 1576–1582.  
<https://doi.org/10.15585/mmwr.mm7151a1>

Hadland, S. (2023, May 5). How the Pediatric Workforce Can Address the Nation's Overdose Crisis [Conference session]. *Pediatric Grand Rounds, Stanford, CA, United States*.  
<https://stanford.cloud-cme.com/course/courseoverview?P=0&EID=44911>

Levy, S. (2019). Youth and the Opioid Epidemic. *Pediatrics*, 143(2), e20182752.  
<https://doi.org/10.1542/peds.2018-2752>

Levy, S., Weitzman, E. R., Marin, A. C., Magane, K. M., Wisk, L. E., & Shrier, L. A. (2021). Sensitivity and specificity of S2BI for identifying alcohol and cannabis use disorders among adolescents presenting for primary care. *Substance Abuse*, 42(3), 388–395.  
<https://doi.org/10.1080/08897077.2020.1803180>

CA Bridge. (n.d.). *Bridge to Treatment*. Retrieved from <https://bridgetotreatment.org/homepage/>

#### Module 14:

Walter, C., Knothe, C., & Lötsch, J. (2015). Abuse-Deterrent Opioid Formulations: Pharmacokinetic and Pharmacodynamic Considerations.

Carinci, A. J. Abuse-deterrent opioid analgesics: A guide for clinicians.

Litman, R. S., Pagán, O. H., & Cicero, T. J. Abuse-deterrent Opioid Formulations.

Cohen, J. P., Mendoza, M., & Roland. Challenges Involved in the Development and Delivery of Abuse-deterrent Formulations of Opioid Analgesics.

#### Module 15:

Walter, C., Knothe, C., & Lötsch, J. (2015). Abuse-Deterrent Opioid Formulations: Pharmacokinetic and Pharmacodynamic Considerations.

Carinci, A. J. (Year). *Abuse-deterrent opioid analgesics: A guide for clinicians*.

Litman, R. S., Pagán, O. H., & Cicero, T. J. (Year). *Abuse-deterrent Opioid Formulations*.

Cohen, J. P., Mendoza, M., & Roland. (Year). *Challenges Involved in the Development and Delivery of Abuse-deterrent Formulations of Opioid Analgesics*.



Module 16:

Moore, B. A., & Budney, A. J. (Year). *Relapse in outpatient treatment for marijuana dependence.*

Panayiotides, I. M. (Year). *What is the Association of Cannabis Consumption and Cardiovascular Complications?*

Dellazizzo, L., Potvin, S., Dou, B. Y., Beaudoin, M., Luigi, M., Giguère, C.É., Dumais, A., et al. (Year). *Association Between the Use of Cannabis and Physical Violence in Youths: A Meta-Analytical Investigation.*

Stout, S. SM., & Cimino, N. M. (Year). *Exogenous cannabinoids as substrates, inhibitors, and inducers of human drug metabolizing enzymes: a systematic review.*

Harkany, T., Guzmán, M., Galve-Roperh, I., Berghuis, P., Devi, L. A., & Mackie, K. (Year). *The emerging functions of endocannabinoid signaling during CNS development.*

Hasin, D. S., Saha, T. D., Kerridge, B. T., Goldstein, R. B., Chou, S. P., Zhang, H., Jung, J., et al. (Year). *Prevalence of Marijuana Use Disorders in the United States Between 2001-2002 and 2012-2013.*

Beautrais, A. L., Joyce, P. R., & Mulder, R. T. (Year). *Cannabis abuse and serious suicide attempts.*

Agrawal, A., Nelson, E. C., Bucholz, K. K., Tillman, R., Grucza, R. A., Statham, D. J., Madden, P. A. F., et al. (Year). *Major depressive disorder, suicidal thoughts and behaviors, and cannabis involvement in discordant twins: a retrospective cohort study.*

Smith, D. R., Stanley, C. M., Foss, T., Boles, R. G., & McKernan, K. (Year). *Rare genetic variants in the endocannabinoid system genes CNR1 and DAGLA are associated with neurological phenotypes in humans.*

Patel, S. J., Khan, S., M., Hamid, P., & etc. (Year). *The Association Between Cannabis Use and Schizophrenia: Causative or Curative? A Systematic Review.*

Andreasson, S., Allebeck, P., Engstrom, A., & Rydberg, U. (Year). *CANNABIS AND SCHIZOPHRENIA, A Longitudinal Study of Swedish Conscripts.*

Gage, S. H., Hickman, M., & Zammit, S. (Year). *Association Between Cannabis and Psychosis: Epidemiologic Evidence.*

Auer, R., Vittinghoff, E., Yaffe, K., Künzi, A., Kertesz, S. G., Levine, D. A., ... Pletcher, M. J. (Year). *Association Between Lifetime Marijuana Use and Cognitive Function in Middle Age*.

Guzmán, M., Duarte, M. J., Blázquez, C., Ravina, J., Rosa, M. C., Galve-Roperh, I., ... González-Feria, L. (Year). *A pilot clinical study of  $\Delta^9$ -tetrahydrocannabinol in patients with recurrent glioblastoma multiforme*.

Weiss, M. C., Hibbs, J. E., Buckley, M. E., Danese, S. R., Leitenberger, A., Bollmann-Jenkins, M., ... Martinez, D. M. (Year). *A Coala-T-Cannabis Survey Study of Breast Cancer Patients' Use of Cannabis Before, During, and After Treatment*.

Shi, S., Brant, A. R., Sabolch, A., Pollom, E., & etc. (Year). *False News of a Cannabis Cancer Cure*.

Salazar, M., Carracedo, A., Salanueva, Í. J., Hernández-Tiedra, S., Lorente, M., Egia, A., ... Velasco, G. (Year). *Cannabinoid action induces autophagy-mediated cell death through stimulation of ER stress in human glioma cells*.

Callaghan, R. C., Allebeck, P., & Sidorchuk, A. (Year). *Marijuana use and risk of lung cancer: a 40-year cohort study*.

Callaghan, R. C., Allebeck, P., Åkre, O., McGlynn, K. A., & Sidorchuk, A. (Year). *Cannabis Use and Incidence of Testicular Cancer: A 42-Year Follow-up of Swedish Men between 1970 and 2011*.

Sidney, S., Beck, J. E., Tekawa, I. S., Quesenberry, C. P. Jr., & Friedman, G. D. (Year). *Marijuana Use and Mortality*.