





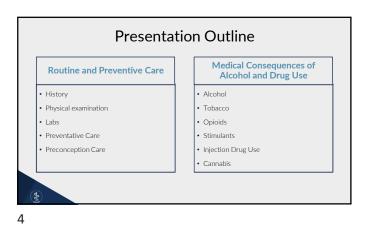
#### **Financial Disclosure**

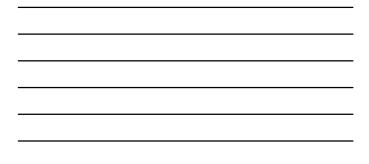
Carolyn Warner-Greer, MD, MSc, FASAM

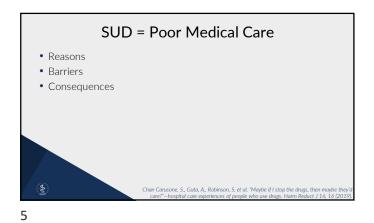
No relevant disclosures

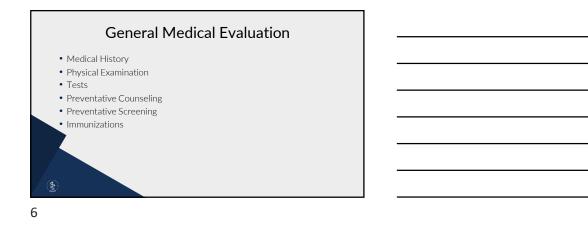


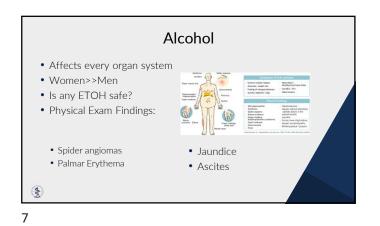


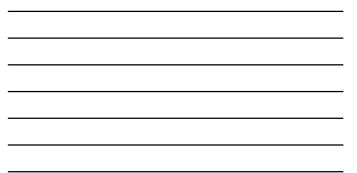


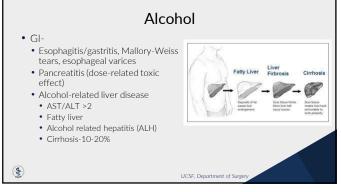


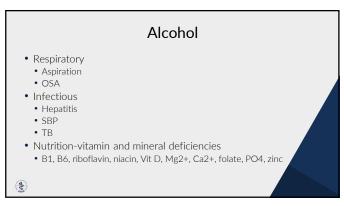






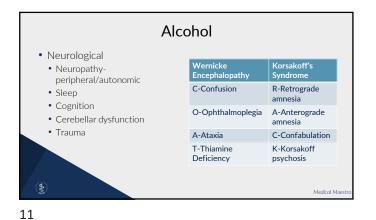


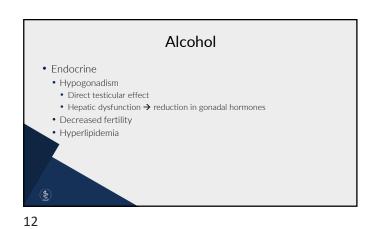




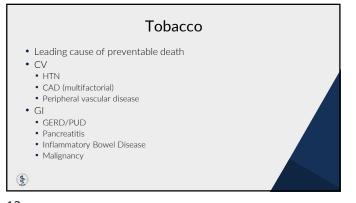


















#### Tobacco



- 49% of cancer deaths related to tobacco use
- Oral, gastric, lung, breast, cervical, bladder, kidney
- DVT/PE
- Neurological
- Infectious Disease
- Reproductive/Endocrinology
   Grave's Disease / hypothyroidigs
- Grave's Disease/hypothyroidismErectile Dysfunction/infertility

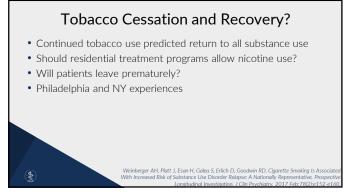
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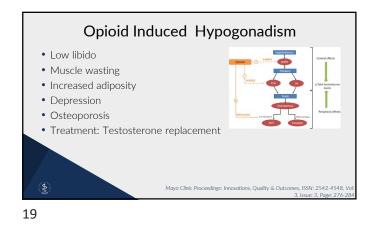
#### Opioids

• ID

- IVDA-endocarditis, osteomyelitis, Hep C and HIV
- STD
- Respiratory-overdose, chest wall rigidity with FENT, pulmonary edema
- Endocrine-reduction in steroid hormones
- Trauma-rhabdomyolysis, compartment syndrome
- Respiratory-OSA,
- GI-constipation

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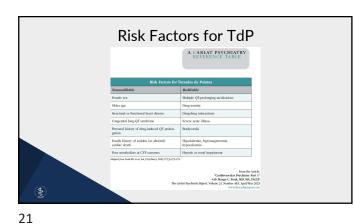




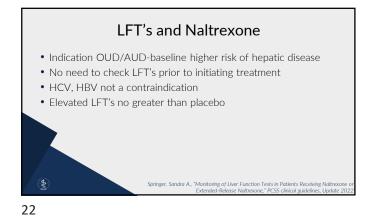
- Medications: methadone, quinolones, ondansetron, macrolides, hydroxyzine, citalopram
- | Mg2+, K+, Ca2+
- Screening:
  - Good family and medical history-look at all medicines
- EKG at higher doses of methadone?
- Flockhart Table/APP-IUSOM

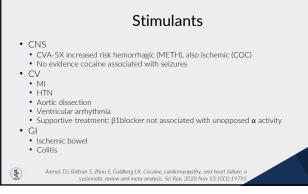
Treece JM, Al Madani M, El Khoury G, Khraisha O, Martin JE, Baumrucker SJ, et al. Comprehensive review or methadone induced QT prolongation and torsades. J Pharmacol Pharmacother 2018;9:66-7511-12-2017 F

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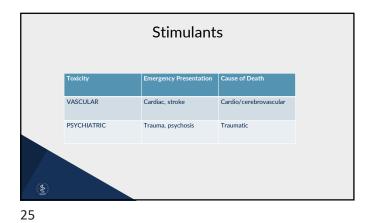


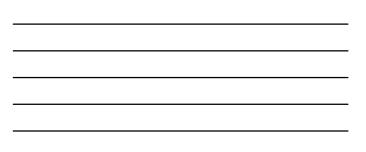


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- Risk of RX stimulants is hypertension, tachycardia, vasospasm
- BP and HR every 6 months
- EKG annually? Look for QRS widening, ventricular conduction delay, arrythymia

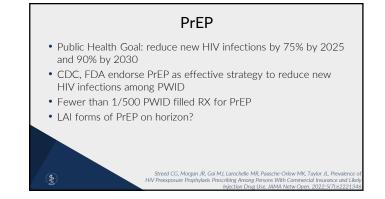




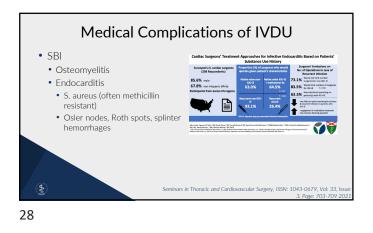


- HIV
  - PWID=10% of new HIV cases since 2012
  - Reduction:
  - SSP-reduction in HIV by 50%
  - PrEP, overdose prevention sites
- Hepatitis
  - 65% PWID-->anti HCV +
  - SSP, MOUD-reduction in HCV
- DAA regardless of stage of recovery
- IVDU most common risk factor for new HBV

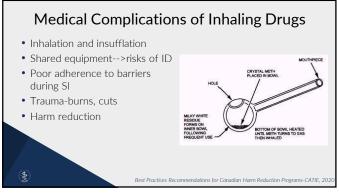
Levitt A, Mermin J, Jones CM, See I, Butler JC. Infectious Diseases and Injection Dr Use: Public Health Burden and Response. J Infect Dis. 2020 Sep 2;222(Suppl













#### Cannabis

- Hyperemesis Syndrome
  - Downregulation of CNS CBD R and upregulation of gut CBD R
  - Chronic cannabis use
  - Relieved with hot showers
- Resolved with cessation
- Medical Cannabis
- Medical condition with RCT suggests responds to THC
- Symptoms refractory to pharmacotherapy
- No SUD/psychological morbidity

Hill KP. Medical Marijuana for Treatment of Chronic Pain and Other Medical an Psychiatric Problems: A Clinical Review. JAMA. 2015;313(24):2474–2483

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