



HMS Substance Use and Pain Curriculum

CLERKSHIP CURRICULUM

PRIMARY CARE and MEDICINE-AMBULATORY

Pain:

Pain Assessment

- Acute Pain
- Chronic Pain

Pain Management

- Opioid, non-opioid pharmacologic approaches
- Non-medication approaches to pain
- Safe prescribing principles including safe storage and disposal

Patient agreements (for treatment with opioids and other controlled substances)

Opioid prescribing regulations including PDMP

Substance Use:

SBIRT:

- Screening for SUD and unhealthy alcohol use
- Brief Intervention including Motivational Interviewing
- Referral to specialty SUD treatment

SUD treatment including buprenorphine

MEDICINE - INPATIENT

Pain:

- Management of Acute Pain
- Approach to medical inpatient with SUD including pain management

Substance Use:

- Common medical complications of substance use
- Inpatient management of withdrawal including alcohol withdrawal delirium
- Harm reduction including overdose prevention and naloxone
- Nutritional deficiencies associated with SUD
- Approach to medical inpatient with SUD including pain management
- Initiation of SUD treatment on inpatient setting
- Referral to outpatient SUD treatment

SURGERY including ANESTHESIA

Pain:

- Perioperative pain management
- Anesthesia modalities for pain relief including regional analgesia
- SUD risk factor assessment

Substance Use:

- Recognizing and managing Post-op withdrawal
- SUD diagnosis and referral to treatment following surgery, trauma

OBSTETRICS and GYNECOLOGY

Pain:

- Pain management during labor and delivery
- Perioperative pain management

- Chronic pain in Ob-Gyn setting

Substance Use:

- Neonatal Abstinence Syndrome
- SUD and pregnancy, breastfeeding
- Developmental toxicity of substances

PEDIATRICS

Pain:

- Pediatric pain management

Substance Use:

- Adolescent substance use
- Pediatric substance ingestion
- Neonatal abstinence syndrome
- Parental substance use and child protective services

PSYCHIATRY

Pain:

- Psychological aspects of pain

Substance Use:

- Screening for SUD
- Brief interventions and motivational interviewing
- Co-occurrence of SUD and psychiatric illness
- Substance-induced mental disorders
- Substance use disorder treatment
- Suicide assessment in patient with SUD

NEUROLOGY

Pain:

- Neuropathic pain
- Headache including migraine

Substance Use:

- Neurological complications of SUD including Wernicke-Korsakoff

RADIOLOGY

Pain:

- Pain management during image-guided procedures

Substance Use:

- Radiologic findings in SUD

POST-CLERKSHIP CURRICULUM

EMERGENCY MEDICINE

Pain:

- Treatment of Acute Pain in the ED
- SUD risk factor assessment when prescribing opioids
- Safe prescribing principles including safe storage and disposal

Substance Use:

- Overdose management and naloxone rescue
- Assessing and Managing Substance Intoxication and Withdrawal
- Approach to patients with SUD and Referral to SUD treatment from ED

BUPRENORPHINE TRAINING