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