



URMC

Toxicology/Addiction

Education

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The Residents/toxicology rotation

- ▶ 14 emergency medicine residents/year
- ▶ 3 week toxicology rotation
- ▶ 8a-5p
 - ▶ Call shared between rotators each night
 - ▶ Saturday evening and Sunday off

My Lists

- ED
 - SMH Emergency Dept
- Shared Patient Lists
 - NACCA need to add something...
 - Tox Patients

Available Lists

- Recent Searches
- System Lists
- ePartner Admitted Patients
- Hospital Outpatient Visits
- HOV Pre-Surgical Testing
- Pending Deliveries
- Preadmitted Patients
- Recently Discharged

Tox Patients 17 Patients Refreshed just now Search All My Lists

Bed	Patient Location	Patient Name	Age/Sex	MRN	CC	Attending	Provider Team	Covering Provider
			51 y.o. / M		Suicide Attempt; Drug Overdose			
			53 y.o. / F		Generalized Body Aches; Flank Pain		App, Tt Smh Hm -	
			34 y.o. / M		Suicidal			
			16 y.o. / F					
			52 y.o. / M		Back Pain; Gait Problem		App, Tt Smh Hm - Spine, Tt Smh Ortho	
			50 y.o. / F		Ingestion; Suicidal		App, Tt Smh 612	
			41 y.o. / M		Chest Pain; Shortness of Breath		4, Tt Smh Hospital Medicine	
			22 y.o. / M		Drug Overdose		Trauma, Tt Smh Ortho 2, Tt Smh Hospital Medicine	
			38 y.o. / M		Headache		2, Tt Smh Id Team - App, Tt Smh Hm - Surgery, Tt Smh Thoracic	
			28 y.o. / F				1, Tt Smh Id Team - Surgery, Tt Smh Cardiac	
			70 y.o. / F				1, Tt Smh Id Team - Surgery, Tt Smh Cardiac	
			31 y.o. / F				1, Tt Smh Hospital Medicine Surgery, Tt Smh Cardiac	
			32 y.o. / F		Altered Mental Status		App, Tt Smh Hm -	
			57 y.o. / M		Medication Reaction			
			15 y.o. / F		Ingestion		TT SMH PEDIATRICS ADOLESCENT MEDICINE	
			33 y.o. / F		Abdominal Pain		Pas, Tt Hh Mds, Tt Hh Hospitalist	
			36 y.o. / F					

Overview Profile FS Required Doc VS Report: Overview

No patient selected

Select a patient to view the report.

Monday Morning



Toxicology Census: 16 patients

Addiction: 10 patients

Toxicology/overdose: 2 patients

Addition/overdose: 4 patients



Typical case

- ▶ 33 year old female with opioid addiction
 - ▶ Presented with fever, chest pain, general malaise
 - ▶ Found to have endocarditis, septic thrombophlebitis, septic pulmonary emboli
 - ▶ Started on full agonists by medicine team (hydromorphone IV with transition to oxycodone PO)
 - ▶ Cardiac team determines no surgical intervention necessary

Typical Case

- ▶ 33 year old female with opioid addiction/endocarditis
 - ▶ Per ID patient requires 6 weeks of IV abx
 - ▶ Medicine team consults medical toxicology service for MAT
 - ▶ Toxicology evaluates patient

Typical Case

- ▶ 33 year old female with opioid addiction/endocarditis
 - ▶ Pt has 3 year opioid addiction
 - ▶ Started with tramadol prescribed by PCP
 - ▶ Transitioned to oxycodone PO, then heroin insufflated
 - ▶ 3 weeks prior started injecting heroin
 - ▶ Has used buprenorphine/naloxone “on the street”

Typical Case

- ▶ 33 year old female with opioid addiction/endocarditis
 - ▶ Interested in MAT
 - ▶ Patient's family has been pressuring her to "try suboxone"
 - ▶ Pt is from Upstate NY ~1.5 hours from the closest methadone program and has no car
 - ▶ Social work able to establish intake appointment for the patient at an outpatient suboxone program

Typical Case

- ▶ 33 year old female with opioid addiction/endocarditis
 - ▶ Toxicology recommends medicine team administer last dose of oxycodone at 10 pm
 - ▶ Overnight patient receives:
 - ▶ 5-10mg PO diazepam at bedtime
 - ▶ 0.1-0.2 mg PO clonidine q8 hours PRN for anxiety
 - ▶ 50 mg hydroxyzine PO q 6 hours PRN for anxiety

Typical Case

- ▶ 33 year old female with opioid addiction/endocarditis
 - ▶ At 8 AM (10 hour washout) EM resident arrives and assesses COWS score using MDCALC online
 - ▶ Pt found to have COWS of 16
 - ▶ EM resident supervises nursing/primary team administration of induction dose of buprenorphine
 - ▶ 2/0.5 mg buprenorphine/naloxone SL test dose
 - ▶ 8/2 mg SL given 1 hour later if no evidence of precipitated withdrawal
 - ▶ Pt is maintained on 8/2mg SL BID for remainder of hospitalization
 - ▶ Bridged to outpatient buprenorphine MAT apt. near her home at discharge