

Update on Opioid Stewardship in the Vanderbilt University Medical Center Adult Emergency Department

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Vanderbilt University Medical Center Adult Emergency Dept

- Annual 70,000 ED visits
- Admission rate: 36%
- Level 1 Trauma Center
 - 8500 trauma evaluations in 2017
- Regional Burn Center
- Tertiary Care Referral Center

Pre-intervention VUH ED Opioid Prescribing Practices

October 2016-October 2017:

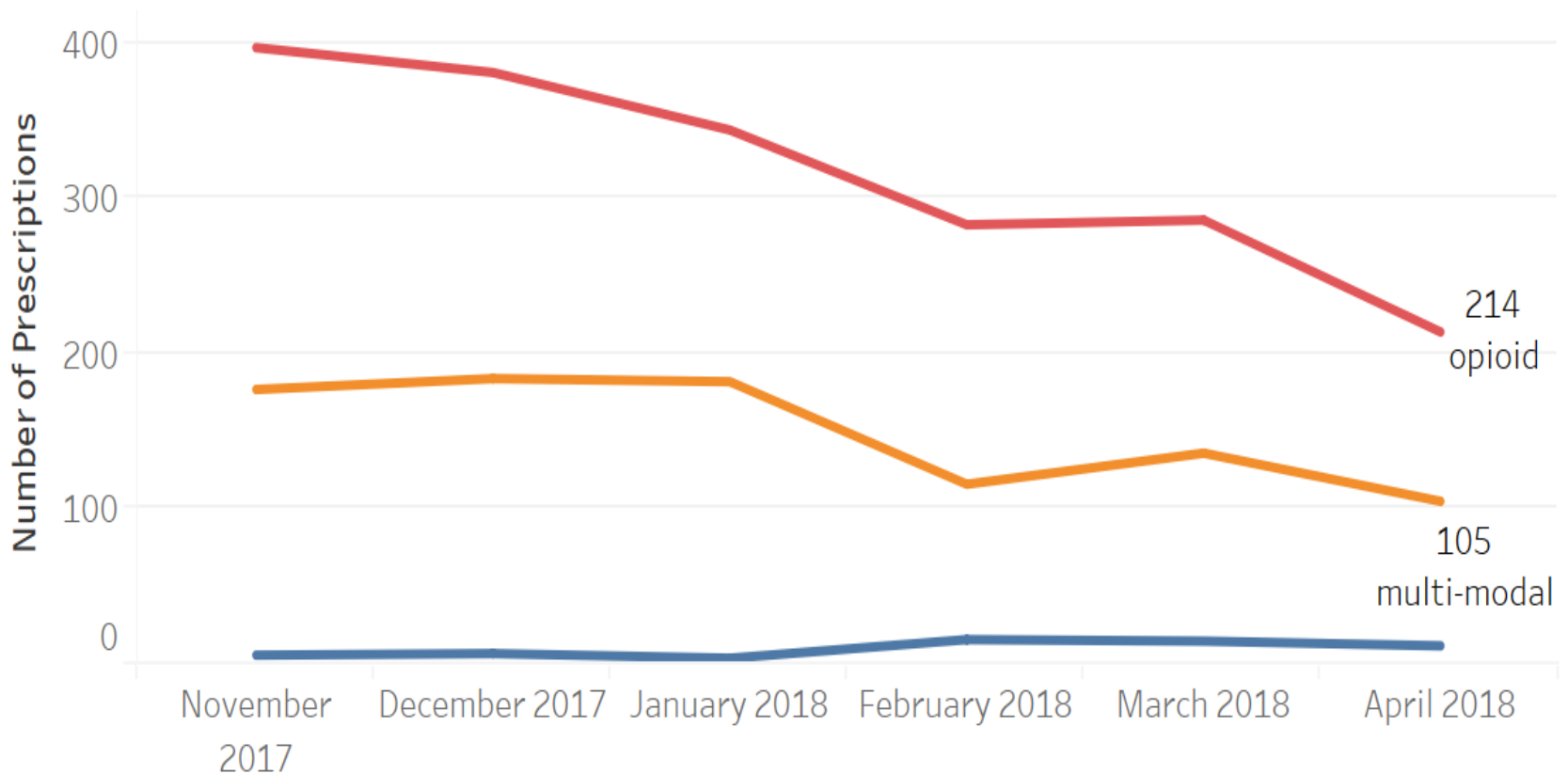
- 4196 opioid prescriptions among discharged patients
- 49,557 opioid tablets
- Average 350 opioid prescriptions/month
- Prescription quantities ranged from 1-10 days

VUH ED Opioid Interventions

- **October 2016:** Standardized management of ED patients requesting opioid detox assistance
 - Comprehensive listing of treatment options
 - Standard discharge medications
 - Medical Clearance documentation
- **Mid-November 2017:** (*2 weeks after VUMC conversion to Epic*) Programmed all opioid prescriptions from the ED to default to #12 tabs/3 days.

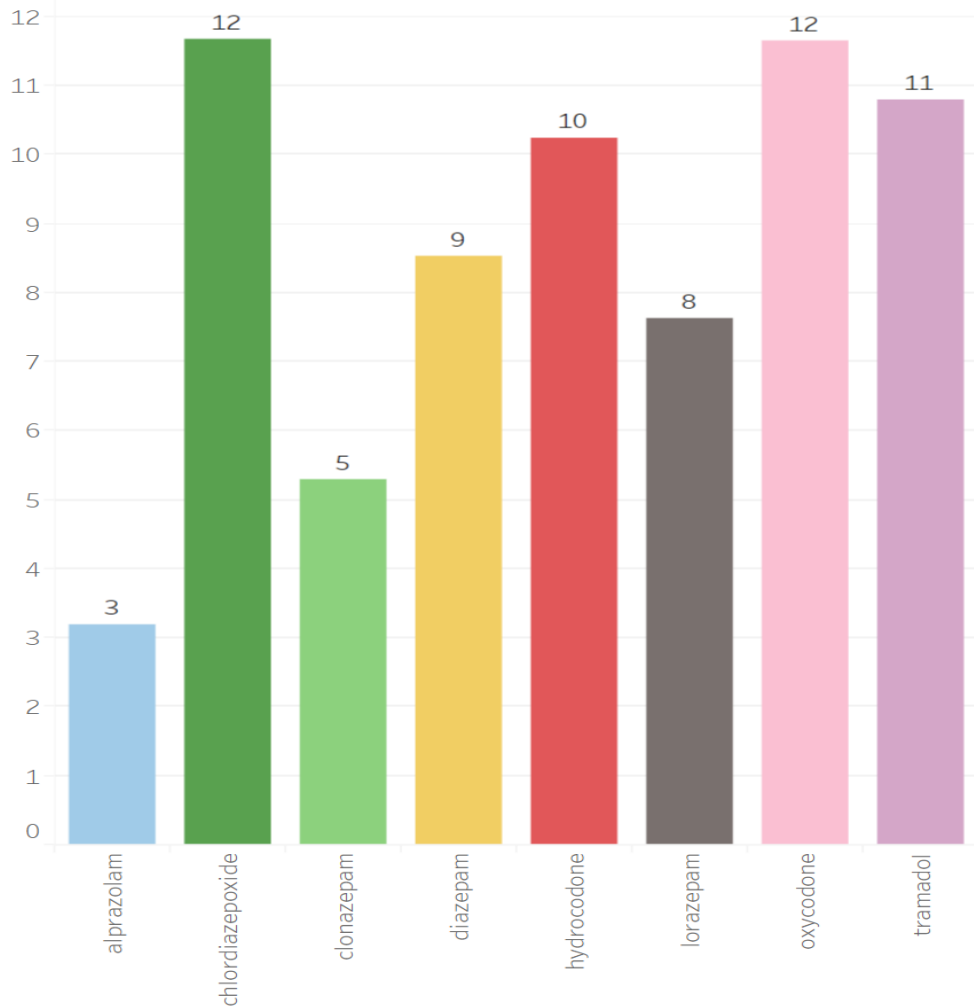
Post-Intervention VUH ED Opioid Prescribing Practices

ED Prescription Count Trend



Reduced Quantity per Prescription

Average Tablets per Prescription



Prescriptions per Drug*

Hydrocodone	971
Oxycodone	852
Acetaminophen	336
Ibuprofen	304
Gabapentin	245
Tramadol	75
Diazepam	35
Codeine	14
Lorazepam	11
Clonazepam	7
Pregabalin	6

*(11/2/17 – 4/21/18)



Next Steps

- **April 2018:** In collaboration with Anesthesia colleagues and CME office, **QuizTime pilot**, a web based education application, to educate ED clinicians on opioid and pain management
- **May 2018:** Working with Epic to create ED Opioid utilization reports for ED administration and outpatient prescriptions at the Department and Provider levels.
- **Summer/Fall 2018:** THA Opioid Light Pilot

Thank you.

Questions?

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