

Colorado ALTO Project



Data Training

Data Training Learning Objectives

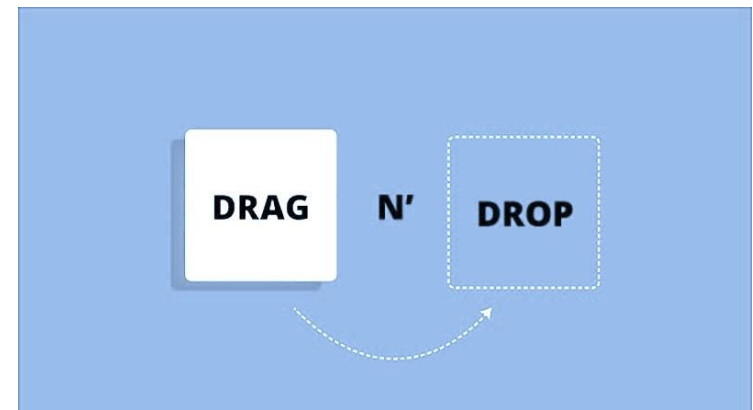
- Discuss the population of interest and timeframe
- Review naming report conventions; drugs monitored in the program; final measures and what reports to submit to Colorado Hospital Association (CHA)
- Review the auditing report
- Discuss the lessons learned from the Opioid Safety Pilot

Population of Interest and Timeframe

- Population of Interest
 - Emergency department patients receiving an opioid or an ALTO administration
 - Adults age 18 years old to 100 years old
- Timeframe
 - Baseline data: Three months of data collection prior to launch
 - Example: Project launch Aug 2018, Baseline May – July 2018
 - Project data: Nine months of data collection
 - Data submissions must start on the first of selected month
 - Must contain full month of data

Naming Report Conventions

- **HospID**
 - CHA assigned HospID attached in Data Manual
- **ADM or EHR**
 - ADM = Administrative Data
 - EHR = Electronic Health Record
- **YYYYMM**
 - Most recent month of records
- **Baseline**
 - Place in name if data is baseline
 - If not baseline then omit
- **V2, V3, etc.**
 - Place in name if resubmitting data to Sharepoint
- **Examples:**
 - 999_ADM_201805_baseline.xls
 - 999_EHR_201802.xls
 - 999_EHR_201802_V2.xls



Drugs Monitored

Opiates

- Buprenorphine
- Codeine
- Fentanyl nasal spray
- Hydrocodone
- Hydromorphone
- Meperidine
- Methadone
- Morphine
- Oxycodone
- Tramadol

ALTOs

- Ketamine
- Lidocaine IV
- Lidocaine patch
- Lidocaine topical
- Ketorolac tromethamine
- Haloperidol
- Acetaminophen
- Ibuprofen
- Dicyclomine

Final Measures

Tier 1

- Opioids Administered per 1000 ED Visits
- ALTOs Administered per 1000 ED Visits
- Morphine Equivalent Units (MEU) per 1000 ED Visits

Tier 2

- Opioid/ALTO Prescription Trends Physicians
- ALTO: Opioids Prescription Ratio

Select location (for systems with multiple facilities)

Cohort

Total Pain Medication Administrations per 1,000 ED Visits



Reports to Submit

ADM - Total ED Visits per Month

Hospital_ID	Data_Start_Date	Data_End_Date	Total_ED_Visits
999	01/01/2016	01/31/2016	796
999	02/01/2016	02/28/2016	800
999	03/01/2016	03/31/2016	808

- Filename: 999_ADM_201803.xls

EHR – Medication Administration

HospID	PAN	MRN	Admin Date	Med	Route	Dose	Unit	Prov NPI
999	ABCDEF	A1B2C3	01/01/2016	Dilaudid Hydromorphone	IV Intravenous	.5 15	MG ML	00000
999	123456	789002	01/01/2016	Fentanyl	Intravenous	35	MCG	00000

- Filename: 999_EHR_201601.xls

Auditing Report

HospID	PAN	MRN	Admin Date	Med	Route	Dose	Unit	Prov NPI
999	ABCDEF	A1B2C3	01/01/2016	Dilaudid Hydromorphone	IV Intravenous	.5 15	MG ML	00000
999	123456	789002	01/01/2016	Fentanyl	IV	35	MCG	00000



HospID	PAN	MRN	Admin Date	Med	Route	Dose	Unit	Prov NPI
999	ABCDEF	A1B2C3	01/01/2016	Hydromorphone	IV	.5	mg	00000
999	ABCDEF	A1B2C3	01/01/2016	Hydromorphone	IV	.5	mg	00000
999	123456	789002	01/01/2016	Fentanyl	IV	35	MCG	00000

Lessons Learned: Opioid Safety Pilot

- Understanding your Hospitals EHR ecosystem
 - Hospital Wide EHR vs ED EHR
 - Building custom reports
 - EHR assistance or Manual?
- Identifying your role
 - Report writer: auditing/managing the data report
 - Data report creator: creating/running data report
 - Clinical data reviewer: auditing data for correctness
 - Communication/team effort



Partners



EMERGENCY NURSES ASSOCIATION

Colorado State Council



COLORADO CHAPTER
American College of Emergency Physicians
ADVANCING EMERGENCY CARE



Questions?

Resources

www.cha.com/ALTO

Data Contact Information

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You save lives every day ... Thank you.

