

Reporting Drug Utilization: Feedback to Prescribers and Identifying DSB

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Feedback to Prescribers

Dashboard by Specialty

Provider Specialty Summary Rx Count of Hydromorphone, Methadone, Opana, Oxycodone, and APAP Narcotics

MEDICARE_Flag

(All)

Data

PROVIDER_SPECIALTY

Avg Monthly Rx Count 2011

Rx Count of January,2012

Rx Count of February,2012

Rx Count of March,2012

ANESTHESIA

CARDIOLOGY

CHEMICAL DEPENDENCY/SUBS ABUSE OPT

COLON & RECTAL SURGERY

DENTISTRY

EMERGENCY MEDICINE-MDS ONLY

EMERGENCY SERVICES

ENDOCRINOLOGY

FAMILY PRACTICE

GASTROENTEROLOGY

GENERAL PRACTICE

GENERAL SURGERY

GYN/ONCOLOGY

INFECTIOUS DISEASE

INTERNAL MEDICINE

INTERVENTIONAL RADIOLOGY

NEPHROLOGY

NEUROLOGICAL SURGERY (OOA)

NEUROLOGY

OB/GYN

ONCOLOGY/HEMATOLOGY

OPHTHALMOLOGY

ORTHOPEDICS

OTOLARYNGOLOGY

PEDIATRICS

PHYSICAL MEDICINE & REHABILITATION

PLASTIC & RECONSTRUCTIVE SURGERY

PODIATRY

PREVENTIVE MEDICINE

PSYCHIATRY

PULMONARY MEDICINE

RADIATION THERAPY

RADIOLOGY

RHEUMATOLOGY

SLEEP MEDICINE

SPINE SURGERY

UNKNOWN SPECIALTY

URGENT CARE/AHC

UROLOGY

VASCULAR SURGERY

Grand Total

Dashboard by Specialty and Drug

Provider Specialty Rx Count of Hydromorphone, Methadone, Opana, Oxycodone, and APAP Narcotics

MEDICARE_Flag	(All)	Data			
PROVIDER_SPECIALTY	PROD_NAME	Avg Monthly Rx Count 2011	Rx Count of January,2012	Rx Count of February,2012	Rx Count of March,2012
ANESTHESIA	HYDROMORPHONE				
	METHADONE				
	OPANA				
	OXYCODONE				
ANESTHESIA Total					
CARDIOLOGY	HYDROMORPHONE				
	OXYCODONE				
CARDIOLOGY Total					
CHEMICAL DEPENDENCY/SUBS ABUSE OPT	HYDROMORPHONE				
	METHADONE				
	OPANA				
	OXYCODONE				
CHEMICAL DEPENDENCY/SUBS ABUSE OPT Total					
COLON & RECTAL SURGERY	HYDROMORPHONE				
	OXYCODONE				
COLON & RECTAL SURGERY Total					
DENTISTRY	HYDROMORPHONE				
	OXYCODONE				
DENTISTRY Total					
EMERGENCY MEDICINE-MDS ONLY	HYDROMORPHONE				
	METHADONE				
	OXYCODONE				
EMERGENCY MEDICINE-MDS ONLY Total					
EMERGENCY SERVICES	HYDROMORPHONE				
EMERGENCY SERVICES Total					
ENDOCRINOLOGY	HYDROMORPHONE				
	METHADONE				

Dashboard by Adult Primary Care (FP and IM)

Family Practice and Internal Medicine Provider Rx Count of Hydromorphone, Methadone, Opana, Oxycodone, and APAP Narcotics							
MEDICARE_Flag		(All)					
			Data				
PROVIDER_SPECIALTY	PROVIDER_NAME	PROD_NAME	Avg Monthly Rx Count in 2011	Rx Count of January,2012	Rx Count of February,2012	Rx Count of March,2012	
FAMILY PRACTICE	DR ABC	HYDROMORPHONE					
		METHADONE					
		OXYCODONE					
	DR ABC						
	DR XYZ	OXYCODONE					
	DR XYZ						
	DR QRS		HYDROMORPHONE				
			METHADONE				
			OXYCODONE				
	DR QRS						
	DR LMN		HYDROMORPHONE				
METHADONE							
OXYCODONE							
DR LMN							
FAMILY PRACTICE Total							
INTERNAL MEDICINE	DR ABC	HYDROMORPHONE					
		METHADONE					
		OXYCODONE					
	DR ABC						
	DR XYZ	HYDROMORPHONE					
			OXYCODONE				
	DR XYZ						
	DR QRS		HYDROMORPHONE				
			OXYCODONE				
	DR QRS						
	DR LMN	HYDROMORPHONE					
METHADONE							

Dashboard by MRN

MRN Rx Count of Hydromorphone, Methadone, Opana, Oxycodone, and APAP Narcotics with Provider and Pharmacy

MEDICARE_Flag (All)

				MONTHLY Data									Total Rx_Count
				January, 2012			February, 2012			March, 2012			
MRN	PROVIDER_NAME	PHARMACY_NAME	DRUG_NAME	Rx_Count	Quantity	Day_Supply	Rx_Count	Quantity	Day_Supply	Rx_Count	Quantity	Day_Supply	
123456789	DR ABC	KP SHADY GROVE PHARMACY	METHADONE HCL SOL 10MG/5ML	5	1800	36	5	1350	28	4	1200	24	14
			OXYCODONE HCL SOL 5MG/5ML	6	890	40	4	625	29	3	525	24	17
	DR LMN	KP SHADY GROVE PHARMACY	METHADONE HCL SOL 10MG/5ML							1	350	7	1
			OXYCODONE HCL SOL 5MG/5ML							1	175	8	5
123456789 Total				11	2690	76	9	1975	57	9	2250	63	29
12345678	DR ABC	WALGREENS	OXYCODONE HCL 5 MG TABLET	1	48	3							1
		WALGREENS #11234	OXYCODONE HCL 5 MG TABLET	1	48	3							
	DR DEF	WALGREENS	OXYCODONE HCL 5 MG TABLET				1	30	3				1
	DR GHI	WALGREENS #11234	OXYCODONE HCL 5 MG TABLET				1	30	7				1
	DR JKL	WALGREENS #11234	OXYCODONE HCL 5 MG TABLET	1	30	7							1
	DR MNO	KP MANASSAS PHARMACY	M-OXY TAB 5MG	4	366	31	5	304	38	6	380	48	16
		WALGREENS #11234	OXYCODONE HCL 5 MG TABLET							1	30	3	1
	DR PQR	KP FALLS CHURCH PHARMACY	M-OXY TAB 5MG	1	112	14							
12345678 Total				8	604	58	7	364	48	7	410	51	22

Dashboard by Month Summary

Provider Rx Count of Hydromorphone, Methadone, Opana, Oxycodone, and APAP Narcotics for May 2012

Count of RX NUMBER			PROD NAME				Grand Total
PROVIDER_SPECIALTY	PROVIDER_SER_AREA	PROVIDER_NAME	HYDROMORPHONE	METHADONE	OPANA	OXYCODONE	
ANESTHESIA	DCSM	DR ABC DR DEF					
	DCSM Total						
	NOVA	DR XYZ DR GHI					
	NOVA Total						
	ANESTHESIA Total						
EMERGENCY MEDICINE-MDS ONLY	DCSM	DR LMN					
	DCSM Total						
EMERGENCY MEDICINE-MDS ONLY Total							
FAMILY PRACTICE	BALTIMORE						
	BALTIMORE Total						
	DCSM						

Provider Rx Count of Hydromorphone, Methadone, Opana, Oxycodone, and APAP Narcotics for May 2013

Triad Reports

Concurrent prescriptions for a benzodiazepine, oxycodone or hydrocodone (narcotic), and carisoprodol (Soma)

Triad reporting : Objectives and Requirements

Objective:

1. Identify members who have filled the Triad (Hydrocodone or Oxycodone & Benzodiazepines & Carisoprodol) in the last 91 days
2. Display Rx level details associated with the calculation.
3. Provide Summary, Top 10, Patient List, RX Details

Requirements:

1. Identify KP members who had filled the following combination of the Triad drugs in the last 91 days
 - a. Hydrocodone/ Alprazolam/ Carisoprodol (HAC)
 - b. Hydrocodone/ non-Alprazolam Benzodiazepine/ Carisoprodol (HBC)
 - c. Oxycodone/ Alprazolam/ Carisoprodol (OAC)
 - d. Oxycodone/ non-Alprazolam Benzodiazepine/ Carisoprodol (OBC)
2. Identify Part D membership (using PBP)
3. Identify member demographics, prescriptions, products, pharmacy, prescriber information.
4. Identify patients with drug abuse history (ICD9 codes '292.89','305.9','305.90','305.91','305.93','977.9','977.90') within previous 366 days.
5. Identify patients with
 - a. cancer DX (defined as at least two ICD9 diagnoses **between 140.x and 209.x or between 230.x and 239.x**) within previous 366 days (HOSP, OUTPAT)
 - or b. history of cancer DX in KPHC Problem List, KPHC Treatment Plan or BEACON
 - or c. history of anti-neoplastics dispensed (GPI=21) in BEACON
 - or d. HEM/ONC prescriber for narcotic analgesias (GPI code begins with 65) sold within last 91 days.
6. Identify patients in LTC/SNF (Source: RX profile OPS data, CMS, Diamond Care, MM and MBP #)
7. Identify hospice patients (source: OCPS claims, KPHC Problem List, KPHC Health Maintenance Modifier, BP POSS flag, Hospital Disposition MM and Diamond Claims)
8. Identify member payor, group and subgroup (KPHC)
9. Identify active/inactive members
10. Convert repack NDC to manufacturer NDC
11. Calculate day supply based on sig, if sig mapping is available, otherwise use day supply provided at the time of dispense.
12. Calculate # of unique Triad Rx sold within previous 91 days.
13. Calculate # of unique pharmacies for Triad Rx sold within previous 91 days.
14. Calculate # of unique providers for Triad Rx sold within previous 91 days.

Triad Report: Monthly

Raw data of

Patient : name, age, gender

PCP : name, location

Prescriber : name, location, specialty

Prescription : drug, sig, quantity, days supply

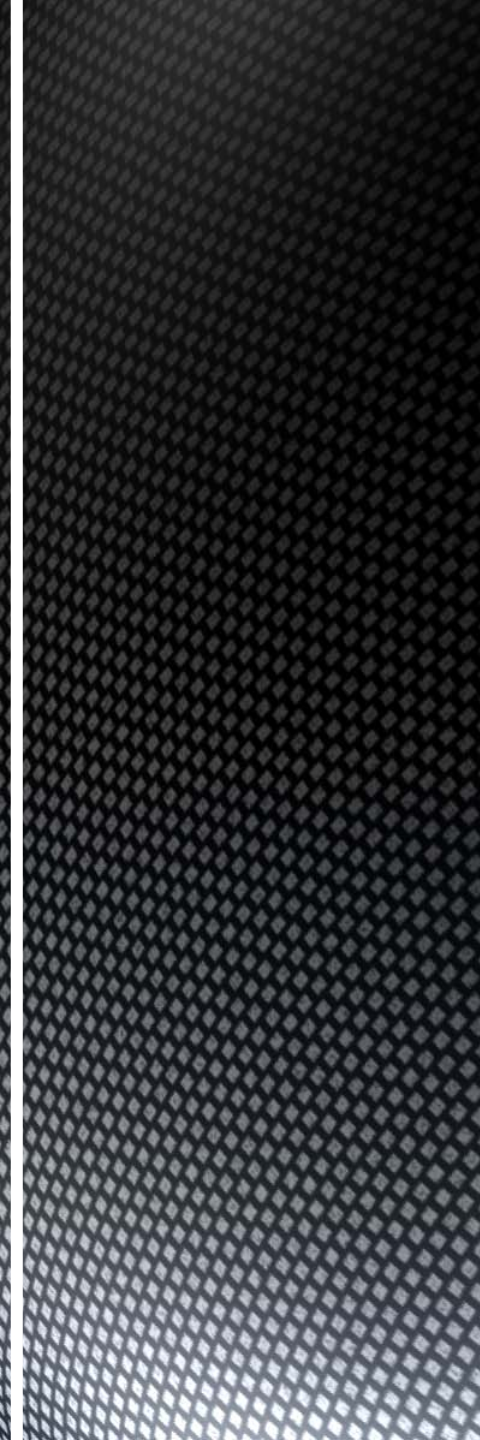
Pharmacy: location, dispense date, external vs. internal

Report Period: 2014-09-01 to 2014-11-30



PATIENT MRN	PATIENT NAME	AGE	GEN DER	PCP	PCP AREA	PRESCRIBER	TITLE	PRESCRIBER AREA	PRESCRIBER FACILITY	PRESCRIBER DEPT	PRODUCT NAME	QUANTI TY	SIG	DISPENSE DATE	DAYS SUPPLY
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Identifying Drug-Seeking Behavior



Drug Seeking Behavior

Algorithm Measures

Total pharmacy count: Calculated on a 12 month basis.

- Quantify and then assign a score based upon number of pharmacies the patient visits (ie. On a scale of 1 to 10 with 10 ranking as the highest utilizer)

Calculate increased opioid utilization per month:

- Compare the MED values for each month and if the utilization increased from the previous month the patient will receive the highest ranking (ie. upward slope in a theoretical graph).

Calculate prolonged usage:

- For 12 Month report use Days Supply, to calculate the Sum of the Total Days Supply (note the days supply will never exceed 395 days).

Calculate Morphine Equivalent Dose (MED):

- Use CMS approved MED conversion scale for all medications. If CMS does not list a MED ratio then we use ACUMEN.

Quantify patients receiving CII injections in both the Emergency Department and Urgent Care Setting.

Identify Drug Abuse/Overdose Dx.:

- Encounters related to ICD9 Codes: 292.89, 305.9, 305.90, 305.91, 305.93, 977.9, 977.90.

Drug Seeking Behavior

Algorithm Measures

Quantify number of refills without an office visit within 1 yr.

Quantify number of controlled prescriptions filled since last MD office visit.

Quantify the number of days since last MD office visit

Quantify the number of new prescriptions and/or refills without an office visit.

Identify lab orders for drug screening tests

Identify & list top 5 diagnoses for patients identified on the report

Identify Patients with Medicare & list Plan (A, B, C & D)

Drug Seeking Behavior

Algorithm Measures

Identify Oncology Dx using diagnosis codes

Identify hospice using HealthConnect (EMR) transfer data

Identify Primary Care Physician (PCP)

Capture PCP Email

Identify Medical Center Area (MCA)

Identify Date Of Death (DOD) – if deceased – flag in report

Identify patient age

Total Morphine Equivalent Dose

The sum of the calculated morphine equivalent dose (MED) for each prescription over a twelve month period

Average Daily Morphine Equivalent Dose

The total MED for the data
period divided by the total
days supply

Note: The denominator is capped at 395 (365 days plus another 30 days if the member received a prescription towards the end of the data date range).

Top 10 Patients with Emergency Department (ED) Ordered Back Office Injections (CII)

Quantify the number of CII Opioid
injections received patient in the ED
setting

Top 10 Patients with Urgent Care(UC) Ordered Back Office Injections (CII)

Quantify the number of CII
Opioid injections the patient has
received in the UC setting

Top Ten Patients by longest Time between “Office Encounter”

Calculate number of days since the patient had
an “Office Encounter” with a KP provider

Top 10 Patients by Greatest Tablet Count (Opioids)

Quantify and identify the
patients that received the
highest amount of opioid in
tablet form

Top 10 Patients by Greatest Liquid Volume (Opioids)

Quantify and identify the patients
that received the highest volume
of opioid in liquid form

Top Ten Patients by Longest Time Between PCP Visits

Identify both the date of the last office visit with the Patients PCP and the last office visit with any KP provider

Note: Patient may be receiving opioid treatment from a Pain Management Specialist so this will be identified by any KP provider.

Quarterly report of DSB Dashboard: 8 Panels of Data

Top 10 Patients by Rank				
SA	MRN	Age	Rank	Average Score

Top 10 Patients by Total Morphine Equivalent (MED)				
SA	MRN	Age	Total MED in mg	Avg MED in mg

Top 10 Patients by Average Morphine Equivalent (MED)				
SA	MRN	Age	Avg MED in mg	Total MED in mg

Top 10 Patients with Urgent Care Ordered Back Office Injections				
SA	MRN	Age	Rank	UC Inj

Top 10 Patients by Longest Time Between PCP Visits				
SA	MRN	Age	Last PCP Visit	Last Office Visit

Top 10 Patients by Longest Time Between "Visit Type" Encounters Only				
SA	MRN	Age	Last Office Visit	# of Days

Top 10 Patients by Greatest Tablet Count				
SA	MRN	Age	Total Tablets	Tablets per day

Top 10 Patients by Greatest Liquid Volume				
SA	MRN	Age	Total Liquids	Liquid ML / day