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	f Hydromorhpone, Methadon	e, Opana, Oxycodone, and A	APAP Narcotics	
MEDICARE Flag	(AII)	1		
	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				

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Dashboard by Specialty and Drug

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ENDOCRINOLOGY HY DROMORPHONE METHADONE						
METHADONE	ENDOCRINOLOGY	HY DROMORPHONE				
		METHADONE				

Dashboard by Adult Primary Care (FP and IM)

Family Practice and Inter	rnal Medicine Provider Rx Coun	t of Hydromorhpone, Methado	one, Opana, Oxycodone, and AP	AP 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	HY DROMORPHONE				
		METHADONE				
		OXYCODONE				
	DR ABC					
	DR XYZ	OXYCODONE				
	DR XYZ					
	DR QRS	HY DROMORPHONE				
		METHADONE				
		OXYCODONE				
	DR QRS			7		
	DR LMN	HY DROMORPHONE				
		METHADONE				
		OXYCODONE				
	DR LMN			-	-	-
FAMILY PRACTICE Total	1					
INTERNAL MEDICINE	DRABC	HY DROMORPHONE				
		METHADONE				
		OXYCODONE				
	DR ABC					
	DR XYZ	HY DROMORPHONE				
		OXYCODONE				
	DR XYZ					
	DR QRS	HY DROMORPHONE				
		OXYCODONE				
	DR QRS					
	DR LMN	HY DROMORPHONE				
	1	METHADONE				

Dashboard by MRN

MRN Rx Count of	Hydromorhpone	, Methadone, Opana, Ox	ycodone, and APAP Na	rcotics v	vith Provid	er and Pharm	асу							
	(. 11)													
MEDICARE_Flag	(All)													
				MONTH I	N N								-	8
				AME	Data									è.
													Tota	
				January	,2		February,			March,20			Rx_0	our
		I	1	012			2012	1		12			t	3
MON				Py Cour	t Quantity	Day Supply	Py Count	Quantity	Day Supply	Rx_Coun	Quantity	Day Supply		60
				KA_COUI	n Quantity	Day_Supply	KA_COUNT	quantity	Day_Supply	ι.	quantity	Day_Supply		
123456789	DRABC	PHARMACY	10MG/5MI		5 1800	36		1350	28	4	1200	24		56
120400700	DIVADO		OXY CODONE HCL SOL		0 1000	, 30		/ 1550	20		1200	27	-	
			5MG/5ML		6 890	40	4	625	29	3	525	24		15
		KP SHADY GROVE	METHADONE HCL SOL										-	
	DR LMN	PHARMACY	10MG/5ML							1	350	7		
			OXY CODONE HCL SOL											
			5MG/5ML							1	175	8		
123456789 Total				1	1 2690	76	9	1975 (57	9	2250	63		29
			OXY CODONE HCL 5											
12345678	DR ABC	WALGREENS	MG TABLET		1 48	3								
			OXY CODONE HCL 5											
		WALGREENS #11234			1 48	3					<u></u>		_	
			MG TARLET				,	30	2					
		WALGREENS						30		, 			<u> </u>	
	DRGHI	WALGREENS #11234	MG TABLET				1	30	7	,				
			OXY CODONE HCL 5										-	6
	DR JKL	WALGREENS #11234	MG TABLET		1 30) 7								
		KPMANASSAS											-	9
	DR MNO	PHARMACY	M-OXY TAB 5MG		4 366	31	5	304	38	6	380	48		15
			OXY CODONE HCL 5											
		WALGREENS #11234	MG TABLET							1	30	3		
		KP FALLS CHURCH												
	DR PQR	PHARMACY	M-OXY TAB 5MG		1 112	2 14								
12345678 Total					8 604	58	7	364	48	7	410	51		22

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Dashboard by Month Summary

Provider Rx Count of Hydromorph	hone, Methadone, Opana,	Oxycodone, and APAP Narco	tics for May 2012				
Count of RX_NUMBER	-		PROD NAME		1		
PROVIDER SPECIALTY	PROVIDER SER AREA	PROVIDER NAME	HYDROM ORPHONE	METHADONE	OPANA	OXYCODONE	Grand Total
ANESTHESIA	DCSM	DRABC					
		DR DEF					i i
	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						þ
							9
							0
Provider Rx Count of Hydromorph	none, Methadone, Opana,	Oxycodone, and APAP Narco	tics for May 2013				
							2

Dashboard by Month Raw data

PROVIDER_S	PE DRUG_NAME	PROD_NAME	NDC	MRN F	RX_NUMBER	QUANT	QTY_PER_DA	DAYS_SUPPLY	PROVIDE	PROVIDER_N	PROVIDER_LOC	PROVI	PROVIDER	PHARMACY	PHARMACY_NAME	SOLD_DATIN	NONTH
ANESTHESIA	HY DROMORPHC	HYDROMORPHONE	42858030201			120	3.87	30	ABC, DR	123456789	GAITHERSBURG MEDICAL CENTER	DCSM	MAPMG	Internal	KP KENSINGTON PHARMACY	5/24/2012	Nay

Triad Reports

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

Triad reporting : Objectives and Requirements

Objectiv	ve:																	
1. Identify	members v	who have fill	ed the Triad	(Hydrocod	one or Ox	vcodone &	Benzodiaz	epines & C	Carisoprodo	l) in the las	t 91 days							
2. Display	Rx level de	etails asscia	ited with the	calcualtio	n.													
3. Provide	Summary,	Top 10, Pa	tient List, R	(Details														
Require	ements:																	
1. Identify	KP membe	ers who had	filled the foll	owing corr	bination of	f the Triad	drugs in th	e last 91 d	ays									
	a. Hydroc	odone/Alp	razolam/Ca	risoprodo	i (hag)													
	b. Hydrod	docone/nor	n-Alprazolar	n Benzodi	azepine/	Carisoproc	dol (HBC)											
	c. Oxycoc	lone/Alpra	zolam/Caris	oprodol ((DAC)													
	d. Oxycoc	done/non-/	Alprazolam	Benzodiaz	epine/Ca	risoprodo	I (OBC)											
2. Identify	Part D me	mbership (u	sing PBP)															
3. Identify	member de	emographics	, prescriptio	ns. produc	ts. phama	cv. prescr	iber informa	ation.										
5. Identify	patients wi	ith a. cance or b. histor or c. histor	er DX (define y of cancer y of anti-nec (ONC preser	d as at lea DX in KPH plastics d	st two ICE C Problem	9 diagnose List, KPH GPI=21) in	es betwee C Treatme BEACON	n 140.x an	id 209.x o BEACON	r between	230.x an	d 239.x)	within pre	vious 366	days (HO	SP, OUT	IPAT)	
6 Identify	vnatients	in LTC/.9NF	(Source: BX	nrofle (C	teouciana NPS ntaina	AMAS I	Damind (linis with 05 Caina, M∏th	Jand MAR	n last ∋i ua P∄t	ays.							
7. Identify	v hospice r	natients (so	urce: OOPS	daims Ki	HCProbl	em list KF	PHCHealth	Mainten	ance Modi	iar PBP PH	OSS fkg	Haspital	Demositie	n NM a	nd Diamon	d Clair	ns)	
8. Identify	v member	pavor, grou	up and subo	roup (KPH	0	Join Dox, 14	lierioard				out ing	a pri a		,		u uun		
9. Identify	vactive/in	active men	nbers															
10. Conve	ert repack l	NDCto mar	ufacturer N	DC.														
11. Calcula	ate dav su	pply based	on sia. if sid	mapping	isavailat	le. otherv	vise use da	av supply r	provided a	t the time	of dispen	se.						
12. Calcula	ate #of un	ique Triad	Bx sold with	nin previo	us 91 dav	s.												
13. Calcula	ate #of un	ique pharn	nacies for Ti	iad Bx sol	d within	previous 9	1 davs.											
14. Calcula	ate #of un	ique provi	dersfor Tria	d Bx sold	within pr	evious 91	davs.											
		122 1. 211																

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



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) Patieı	nts by Rank			Тор 10	Patients by	/ Total Mor	phine Equivale	ent (MED)		Top 10 Pat	ients by Ave	erage Morp	hine Equival	ent (MED)
SA	MRN	Age	Rank	Average Score		SA	MRN	Age	Total MED in mg	Avg MED in mg		SA	MRN	Age	Avg MED in mg	Total MED in mg
					-						-					
Тор 10 Ра	tients with	Urgent Inject	Care Ordere ions	ed Back Office		Top 10	Patients by	Longest T	ime Between F	PCP Visits		Top 10 Pa	tients by Lo En	ngest Time counters O	Between "Vi nly	s it Type"
SA	MRN	Age	Rank	UC Inj		SA	MRN	Age	Last PCP Visit	Last Office Visit		SA	MRN	Age	Last Office Visit	# of Days

Т	op 10 Patien	ts by G	reatest Tablet	Count		Top 10 Patie	nts by Great	est Liquid Volu	ıme
SA	MRN	Age	Total Tablets	Tablets per day	SA	MRN	Age	Total Liquids	Liquid ML

/day