

Opioids in the Episodes of Care Program

An overview of how opioids are addressed within Episodes of Care with an emphasis on the **Differences in the MED/Day** quality metrics

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Establishing Standards of Practice for Opioid Prescribing Tennessee Together and TennCare Strategies Morphine Equivalent Calculations TennCare Pharmacy Policy and MAT **Opioid Quality Metrics in Episodes of Care Episodes Reports**







Establishing Standards of Practice

Establishing Standards of Practice

Overprescribing for acute pain remains factor impacting:

- Misuse
- Abuse
- Diversion
- Unintentional overdose

https://www.cdc.gov/mmwr/volumes/68/wr/mm6806a3.htm

The following increases the probability of long-term use of opioids among opioidnaïve cancer free patients:

- Each additional day supplied in the original prescription
- Each increase in the days of therapy
- Each incremental increase in cumulative dose
- https://www.cdc.gov/mmwr/volumes/66/wr/mm6610a1.htm



General Guidelines For Writing Opioid Prescriptions For Acute Pain

- Use short acting opioids exclusively in acute pain situations
 - Immediate release opioids peak effect within 45 60 minutes
 - Controlled release opioid peak effect within 3 4 hours
 - Rapid titration to effect is safer and easier with immediate release drugs
 - Unintentional overdose in the first 2 weeks was 5 times more likely if opioid therapy is initiated with long-acting opioids
- Prescribe enough opioid for expected pain or until a follow-up appointment is scheduled after surgery or trauma
- Prescribe in no greater quantity than that required for the expected duration of pain severe enough to require opioids

www.uptodate.com/contents/prescription-of-opioids-for-acute-pain-in-opioid-naive-patients

Recommendations from the American College of Surgeons

Moderate Pain	Acute Pain
Laparoscopic Surgery / Soft Tissues	Non Laparoscopic / Joint replacements
3 Days	7 Days
Short Acting	Short Acting
Oxycodone 5mg 8/6hours * 3days (9/12 tablets) Hydrocodone 5mg 8/6 hours * 3 days (9/12 tabs) Hydromorphone 2mg 8/6 hours * 3days (9/12 tabs)	Oxycodone 5mg 8/6hours * 7days (21/28 tablets) Hydrocodone 5mg 8/6 hours * 7days (21/28 tabs) Hydromorphone 2mg 8/6 hours * 7days (21/28tabs)

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https://www.facs.org/education/opioids/statements

Recommendations from the American College of Surgeons

To Prevent Opioid Dependence

- Promote non-narcotic analgesic
- Set realistic expectations of pain
- Use appropriate alternate pain management techniques
- Family engagements

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https://www.facs.org/education/opioids/quality-initiatives

Recommendations from the American Academy of Orthopedic Surgeons

STANDARDIZED OPIOID PROTOCOLS/POLICIES

- Strict limit on Opioid Prescription Size
- Limit Extended Release Opioids (not FDA approved for acute pain)
- Restriction of Opioid Use for Preoperative and Nonsurgical Patients

https://aaos.org/globalassets/about/bylaws-library/information-statements/1045opioid-use-misuse-and-abuse-in-practice.pdf







Tennessee's Approach to Opioid Prescribing

Tennessee Opioid Strategy

Working "to confront the impacts of opioid misuse and abuse"

Implementing "strategies as we recognize the growing complexity of this problem in our state"

TN*TOGETHER

A Comprehensive Plan to Address Opioid Abuse



An Anthem Company

Episodes of Care supports TennCare's Strategies

- Reduce the risk of TennCare members becoming newly dependent or addicted to opioids
 - Provide reports with opioid prescription patterns
 - Link opportunities for gain-share to opioid prescription patterns
 - Encourage providers to use Evidence Based Practice (EBP) guideline
- Increase patient engagement, early detection of dependence, and evidencebased pain treatment for chronic opioid users
 - Provide reports to providers for better patient education
 - Remove cost of substance use treatment from the Perinatal episode



Benzodiazepines and Opioids

Benzodiazepine + Opioid

- More than 30% of overdoses involve this combination
- 10 X higher death rate from overdose than opioids alone

Black Box Warning - FDA Dangerous to use combination of Benzodiazepine and Opioid

https://www.drugabuse.gov/drugtopics/opioids/benzodiazepines-opioids



Benzodiazepines and Opioids

Common Benzodiazepines	Common Opioids
Alprazolam (Xanax)	Oxycodone
Clonazepam (Klonopin)	Codeine
Diazepam (Valium)	Morphine
Lorazepam (Ativan)	Hydrocodone
	Fentanyl







Morphine Equivalent Calculations And Pharmacy Coverage

Morphine Equivalent Dosing (MED) per Day

The cumulative intake of any opioid drug class in a 24 hour period

Step #1 Opioids are converted to a Milligram Morphine Equivalent (MME) that represent relative potency between different opioidsStep #2 Multiply the MME by the number of doses in a day to get the MED

Hydrocodone MME of 1 10 mg of hydrocodone = 10 MME 10 mg tab every 6 hours = 40 MED/day Oxycodone MME of 1.5 5 mg of oxycodone = 7.5 MME 5 mg tab every 6 hours = 30 MED/day Tramadol MME of 0.1 50 mg of tramadol = 5 MME 50 mg tab every 6 hours = 20 MED/day



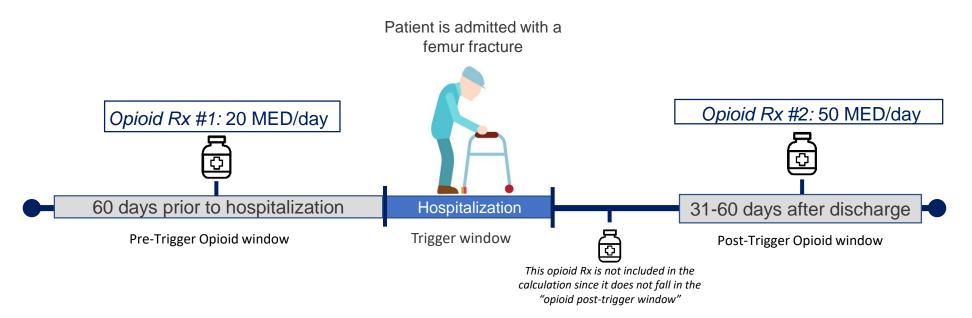
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Quality Metric: Difference in Average MED/day

Definition: Average difference in morphine equivalent dose (MED)/day during the post-trigger opioid window and the pre-trigger opioid window, across valid episodes

Lower value indicates better performance

Goal of Metric: To incentivize the Quarterback to not prescribe more opioids after the triggering diagnosis/ procedure compared to the amount of opioids prescribed prior to the triggering diagnosis/procedure.



Calculation

Avg. difference in MED = [MED/day for Post-Trigger Opioid Window] – [MED/Day Pre-Trigger Opioid Window]

Avg. difference in MED = 50 MED/day - 20 MED/day

Avg. difference in MED = **30 MED/day**

TennCare's Opioid Prescription Coverage

TennCare coverage limits for acute opioid therapy for ALL new and non-chronic opioid users

- Prescription coverage for up to 15 days at a maximum dosage of 40 MME per day
- Limited to a 5 day supply of a short-acting opioid without the need for prior authorization
- Can receive up to an additional 10 days of opioid treatment at a maximum dose of 40 MME per day in each 180 day period, with prior authorization
- Any long-acting opioid agent will require prior authorization
- As with other generic medications for the episodes program, the cost for generic opioids is assigned \$10



https://www.tn.gov/content/dam/tn/tenncare/documents/TennCareMCONotice.pdf

TennCare's Medication Assisted Treatment (MAT)

- Opioid treatment programs (OTPs) that use a "wholepatient" approach to the treatment of substance use disorders
- Combination of
 - Behavioral therapy, and
 - FDA approved medications
 - Buprenorphine
 - Methadone
 - Naltrexone





TennCare's Medication Assisted Treatment (MAT) for Pregnant Women

- Cost of MAT is excluded from the Perinatal Episode spend including
 - Outpatient claims
 - Professional claims
 - Inpatient claims
 - Pharmacy claims
- Detailed list of codes excluded in the Perinatal Configuration file under Medication Assisted Treatment
 - MAT Procedure Code
 - NDC Drug Codes









Opioid Quality Metrics in Episodes of Care

Opioid Prescriptions Linked to Gain Share

Musculoskeletal Episodes

- Ankle Non-operative Injuries
- Back/Neck Pain
- Femur/pelvic Fractures
- Knee Arthroscopy
- Knee Non-operative Injuries
- Shoulder Non-operative Injuries
- Spinal Decompression
- Spinal Fusion
- Wrist Non-operative Injuries

Quarterbacks for these episodes include

- Emergency Rooms
- Orthopedic Surgeons
- Podiatrists
- Primary Care



Opioid Prescriptions Linked to Gain Share

Other Episodes

- Acute Kidney and Ureter Stones
- Appendectomy
- Cystourethroscopy
- GI Obstruction
- Hernia Repair

Quarterbacks for these episodes include

- Emergency Rooms
- Hospital Facilities
- Ambulatory Surgery Centers
- Urologists



Opioid Prescriptions Information Only Metric									
Cardiac Surger CABG PCI (acute and non-ac Valve Repair/ Replace	cute)		GYN Colposcopy /sterectomy	General Surgery Bariatric					
				Br	east Biopsy				
	GI Procedu	ires		Cho	lecystectomy				
	Colonosco			То	nsillectomy				
Orthopedic Surgery Total joint Replacement	Upper GI E	GD	Acute Conditic Gastroente Pancreat	o ns eritis	Amerigroup An Anthem Company				





Episodes of Care Reports

Quality Metrics Linked to Gain-share: Episodes with NO opioid increases

4 Episode quality and utilization summary

You did not achiev	/e selecte	d quality	metrics
Quality metrics linked to gain sharing	You	Gain share standard	
 Difference in Average MED/day 	10.62	0.00	× (
Quality metrics not linked t sharing	o gain	You	Provider base average
 Average MED/day during the pre trigger opioid window 	<u>-</u>	2.14	11.60
Average MED/day during the epi opioid window	sode	12.76	13.96
3. Non-surgical management		8.3%	12.1%

Some Episodes have a quality metric of NO increase in opioid prescription fills during the posttrigger window for the opportunity for gain-share

- Ankle, Knee, Shoulder, and Wrist Non-Operative Injuries
- Back and Neck Pain
- Cystourethroscopy
- Knee Arthroscopy
- Spinal Decompression



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Quality Metrics Linked to Gain-share: LIMITED in time or amount of prescription fills

4 Episode quality and utilization summary

You did not achiev	ve select	ed quali	ty metrics
Quality metrics linked to gain sharing	You	Gain sh stand	
 Difference in Average MED/day 	14.80	8.0	10 × 01
Quality metrics not linked t sharing	o gain	You	Provider base average
 Average MED/day during the pre trigger opioid window 	2-	17.90	12.06
 Average MED/day during the post trigger opioid window 	st-	32.69	19.58
3. Related readmission		5.1%	5.6%

Some Episodes have a quality metric of a defined maximum increase of opioid prescription fills during the post-trigger window for the opportunity for gain-share

- Acute Kidney and ureter stones increase in MED ≤ 3
- Appendectomy: no increase between pretrigger window and days 7 to 30 after trigger
- Femur/Pelvic fracture: increase in MED ≤ 8
- GI Obstruction: no increase between pretrigger window and days 7 to 30 after trigger
- Hernia Repair: no increase between pretrigger window and days 7 to 30 after trigger
- Spinal Fusion: increase in MED ≤ 8



Quality Metrics For Information Only

4 Episode quality and utilization summary

You achieved selected quality metrics

	Quality metrics linked to gain sharing	You	Gain sh standa	· · · · · · ·	Met standard
1.	Difference in Average MED/day	-4.22	0.0	0	\checkmark
	Quality metrics not linked t sharing	o gain	You	Provider base average	
1.	Average MED/day during the pre trigger opioid window	2-	6.25		4.90
2.	Average MED/day during the epi opioid window	isode	2.03		5.67
3.	X-ray imaging for sprain/strain e	pisodes d	40.0%		70.2%
4.	Incremental imaging		87.8%		87.5%
5.	ED visit after initial diagnosis		0.0%		1.7%
6.	Opioid and benzodiazepine prescriptions		0.7%		0.4%

Your performance compared to the Provider Base Average across the state. Provider base average includes only episode quarterbacks and the TennCare population.

Opioid and benzo prescriptions



Identifying Trends on the Excel Report



	Α	В	С	D	E	F	G	Н	I I	J
2	AVG-Y	Your Average				\$464	1.01	\$470		
		ll separate by episode type	Э.			Total risk	Episode		Gain Sharing Difference in	Non Gain Sharing Average MED/day during the pre-
_	Episode	Patient	Episode start			adjusted	risk	Non-adjusted	Average	trigger opioid
3	ID	Name	date	Episode end date	Date of Birth	cost	factor	cost	MED/day	window
	Provider ID	02629390	Provider Name	Provider A 🔭		\$565	1.12	\$635	-	
5	101707	Mickey	12/06/18	03/05/19	01/21/88	\$141	0.96	\$135	0.0000	0.0000
6	134348	Pluto	03/05/19	06/02/19	06/09/73	\$1,191	1.06	\$1,261	0.0000	0.0000
7	168101	Daisy	03/12/19	06/09/19	09/09/55	Each sl	heet is	\$164	0.0000	0.0000
8	1227987	Popeye	03/14/19	06/11/19	09/08/65			\$146	0.0000	0.0000
	Provider ID	02671221	Provider Name	Provider B		separated	, ,		-	
	96652	Minnie	05/23/19	08/20/19	03/12/63	blue line	es that	\$619	0.0000	0.0000
	113763	Donald	12/11/18	03/10/19	04/17/77	divide by	specific	\$167	275.7333	0.0000
12	130527	Goofy	02/21/19	05/21/19		providers	•	C 201	0.0000	0.0000
	940148	Olive	03/21/19	06/18/19	21/03/78	· .		\$136	-1.2500	1.2500
	1199276	Wimpy	05/07/19	08/04/19	08/05/68	than	one.	\$215	0.0000	0.0000
	Provider ID	02696018	Provider Name	Provider C		\$609	1.06	\$644	-	
	753208	Horace	04/02/19	06/30/19	03/01/84	\$451	1.18	\$531	0.4444	0.0000
	772133	Huey	06/11/19	09/08/19	04/14/74	\$146	1.01	\$148	0.0000	0.0000
	781462	Dewey	08/06/19	11/03/19	10/05/71	\$416	1.09	\$453	0.8333	0.0000
19	893894	Jiminy	04/02/19	06/30/19	03/13/58	\$1,327	1.04	\$1,376	0.5000	0.0000

Identifying Trends on the Excel Report

Quality Metrics will be to the right of all the cost information. Each measure divided by columns, beginning with those linked to gain-share.

	А	В	С	D	E	F	G	Н	I	J	к
2	AVG-Y	Your Average		1		\$464	1.01	\$470			
3	Episode ID	Patient Name	Episode start date	Episode end date	Date of Birth	Total risk adjusted cost	Episode risk factor	Non-adjusted cost	Gain Sharing Difference in Average MED/day	Non Gain Sharing Average MED/day during the pre- trigger opioid window	Non Gain Sharing Average MED/day during the episode opioid window
4	Provider ID	02629390	Provider Name	Provider A		\$565	1.12	\$635		_	
5	101707	Mickey	12/06/18	03/05/19	01/21/88	\$141	0.96	\$135	0.0000	0.0000	0.0000
6	134348	Pluto	03/05/19	06/02/19	06/09/73	\$1,191	1.06	\$1,261	0.0000	0.0000	0.0000
7	168101	Daisy	03/12/19	06/09/19	09/09/55	\$126	1.30	\$164	0.0000	0.0000	0.0000
8	1227987	Popeye	03/14/19	06/11/19	09/08/65	\$115	1.27	\$146	0.0000	0.0000	0.0000
9	Provider ID	02671221	Provider Name	Provider B		\$262	1.01	\$266			
10	96652	Minnie	05/23/19	08/20/19	03/12/63	\$497	1.24	\$619	0.0000	0.0000	0.0000
11	113763	Donald	12/11/18	03/10/19	04/17/77	\$164	1.01	\$167	275.7333	0.0000	275.7333
12	130527	Goofy	02/21/19	05/21/19	06/16/65	\$379	1.01	\$381	0.0000	0.0000	0.0000
13	940148	Olive	03/21/19	06/18/19	11/03/78	\$169	0.80	\$136	-1.2500	1.2500	0.0000
14	1199276	Wimpy	05/07/19	08/04/19	08/05/68	\$198	1.08	\$215	0.0000	0.0000	0.0000
15	Provider ID	02696018	Provider Name	Provider C		\$609	1.06	\$644			
16	753208	Horace	04/02/19	06/30/19	03/01/84	\$451	1.18	\$531	0.4444	0.0000	0.4444
17	772133	Huey	06/11/19	09/08/19	04/14/74	\$146	1.01	\$148	0.0000	0.0000	0.0000
18	781462	Dewey	08/06/19	11/03/19	10/05/71	\$416	1.09	\$453	0.8333	0.0000	0.8333
19	893894	Jiminy	04/02/19	06/30/19	03/13/58	\$1,327	1.04	\$1,376	0.5000	0.0000	0.5000
20	941854	Sylvester	07/30/19	10/27/19	03/13/58	\$1,210	1.04	\$1,255	0.0000	0.0000	0.0000
21	976150	Bugs	09/03/19	12/01/19	10/27/68	\$105	0.98	\$103	0.0000	0.0000	0.0000

Identifying Trends on the Excel Report

	А	В	С	D	E	F	G	н	1	J	к
2	AVG-Y	Your Average				\$464	1.01	\$470			
3	Episode ID	Patient Name	Episode start date	Episode end date	Date of Birth	Total risk adjusted cost	Episode risk factor	Non-adjusted	Gain Sharing Difference in Average MED/day	Non Gain Sharing Average MED/day during the pre- trigger opioid window	Non Gain Sharing Average MED/day during the episode opioid window
4	Provider ID	02629390	Provider Name	Provider A		\$565	Look	for		L	
5	101707	Mickey	12/06/18	03/05/19	01/21/88	\$141	LOON		0.0000	0.0000	0.0000
6	134348	Pluto	03/05/19	06/02/19	06/09/73	\$1,191	trend	s hv 📒	0.0000	0.0000	0.0000
7	168101	Daisy	03/12/19	06/09/19	09/09/55	\$126			0.0000	0.0000	0.0000
8	1227987	Popeye	03/14/19	06/11/19	09/08/65	\$115	provi	ider 🗸	0.0000	0.0000	0.0000
9	Provider ID	02671221	Provider Name	Provider B		\$262	provi				
10	96652	Minnie	05/23/19	08/20/19	03/12/63	\$497	fo	r 📃	0.0000	0.0000	0.0000
11	113763	Donald	12/11/18	03/10/19	04/17/77	\$164			275.7333	0.0000	275.7333
12	130527	Goofy	02/21/19	05/21/19	06/16/65	\$379	chan	aes 气	0.0000	0.0000	0.0000
13	940148	Olive	03/21/19	06/18/19	11/03/78	\$169		3	-1.2500	1.2500	0.0000
14	1199276	Wimpy	05/07/19	08/04/19	08/05/68	\$198	in		0.0000	0.0000	0.0000
15	Provider ID	02696018	Provider Name	Provider C		\$609					
16	753208	Horace	04/02/19	06/30/19	03/01/84	\$451	MED	/day 🤘	0.4444	0.0000	0.4444
17	772133	Huey	06/11/19	09/08/19	04/14/74	\$146			0.0000	0.0000	0.0000
18	781462	Dewey	08/06/19	11/03/19	10/05/71	\$416	1.09	\$453	0.8333	0.0000	0.8333
19	893894	Jiminy	04/02/19	06/30/19	03/13/58	\$1,327	1.04	\$1,376	0.5000	0.0000	0.5000
20	941854	Sylvester	07/30/19	10/27/19	03/13/58	\$1,210	1.04	\$1,255	0.0000	0.0000	0.0000
21	976150	Bugs	09/03/19	12/01/19	10/27/68	\$105	0.98	\$103	0.0000	0.0000	0.0000

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Using the Episodes of Care Reports

- Share reports and specific situations with providers who are not meeting the quality metrics
- Offer targeted education for providers using Evidence Based Practice guidelines that apply to your specialty
- Provide materials to support patient education efforts
- Have effective office policies to support your opioid prescribing practices
- Take advantage of alternative pain therapies when appropriate









Link will be emailed to attendees to complete a feedback survey at the end of the day.

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