NEBRASKA HOSPITALS OPIOID TOOLKIT





Dear Healthcare Leaders,

Nationally, more than 40 people die every day from overdoses involving prescription opioids. Additionally, 4.3 million Americans engaged in non-medical use of prescription opioids in the last month according to the Centers for Disease Control. According to the Department of Health and Human Services, between the years of 2017 and 2022, the rates of Non-Fatal Opioid Overdoses has increased by 33.2% in Nebraska.

In early 2018, the Nebraska Hospital Association Board of Directors authorized the formation of a NHA Steering Council on the Opioid Epidemic to develop a toolkit to assist NHA members in the following areas:

- Crafting recommendations regarding appropriate prescribing to reduce the risk of substance use/misuse disorders.
- Developing recommendations regarding screening and appropriate treatment for those who are addicted.
- Addressing appropriate expectations on the part of the public regarding opioid use.
- Providing an opioid common use resource guide for prescribers and hospitals.

Due to the persistent prevalence of the Opioid Epidemic in healthcare today, this toolkit received revisions and optimizations in 2024.

The development of the toolkit has been a collaborative effort on the part of many. The Nebraska Medical Association and the Nebraska Pharmacists Association provided invaluable support and insight into the nuances of this epidemic.

The NHA thanks the members of the Steering Council for paving the way and the continual content contributors for their valuable input.

The information included in this toolkit is current as of May 2024. For future updates, visit: <u>https://www.nebraskahospitals.org</u>.

Disclaimer:

Companies and Prescribers listed within the toolkit may only accept specific insurances plans or may not take new patients.

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This toolkit was developed and distributed in partnership with the Nebraska AHEC Program.

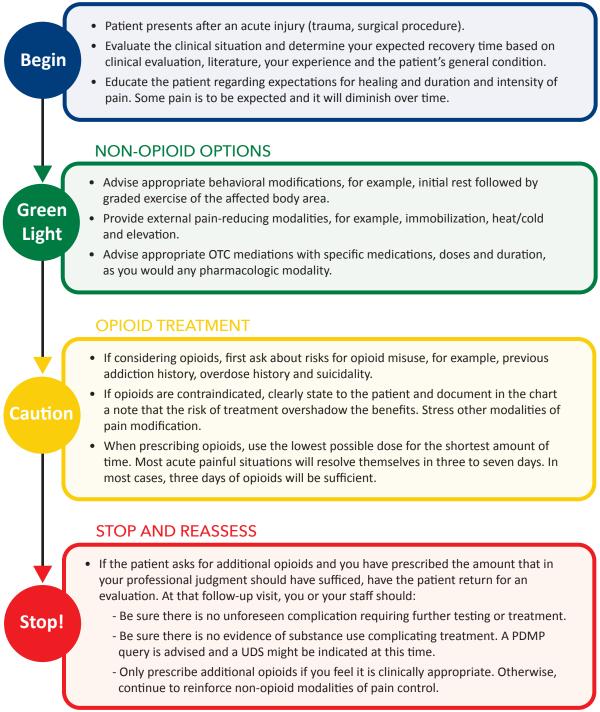
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1 ADDRESSING APPROPRIATE PRESCRIBING TO REDUCE THE RISK OF SUBSTANCE USE/MISUSE DISORDERS

ACUTE PAIN FLOW SHEET

For the evaluation and treatment of acute pain

ASSESSMENT



CHRONIC PAIN FLOW SHEET

For the evaluation and treatment of chronic non-cancer pain

ASSESSMENT

• Evaluate the original tissue injury and determine nociceptive, neuropathic or central characteristics of the pain perception.

Begin

Green

Light

Caution

Stop!

- Assess the risk of prescribing opioids to a patient through assessment tools: ACE, Pain Catastrophizing Scale, PHQ-15, STOP-BANG, functional (e.g. Oswestry) or abuse (e.g. ORT) assessments and trauma/ PTSD screening.
- Obtain and review prior records, or for an established patient, re-familiarize yourself with your patient's past history and evaluations.
- A UDS and query of the PDMP prior to assuming prescribing and periodically thereafter, but no less than yearly.

Ongoing

NON-OPIOID OPTIONS

- Exercise, restorative sleep and behavioral supports should be a major component to any pain management program.
- A team approach to care is essential to achieve functional improvement and improved quality of life.

OPIOID TREATMENT

- Rarely prescribe opioids on the first visit.
- Discuss the risks vs. benefits of opioids and get a signed material risk notice.
- Create a care plan that includes functional goals.
- Discuss the plan for dose reduction (see tapering flow sheet).
- Co-prescribe Naloxone rescue kit to a loved one or family member.

ONGOING MONITORING

- Monitor all patient on chronic opioids.
- Every visit:
 - Evaluate the progress toward functional goals. Strongly consider weaning in the absence of functional improvement on opioids.
 - Screen for appropriate medication use.
- Periodically assess (no less than annually):
 - Urine drug screening
 - Pill counts
 - Callbacks
 - PDMP query

STOP AND REASSESS

- Benzodiazepines should not be taken at the same time as opioids.
- Methadone should be used rarely, and if so, in low doses (<30 mg/d).
- Respiratory disease (COPD, sleep apnea, etc.) narrows the window of safety with opioids.
- Evidence of substance abuse, past or present.
- Illegal activities regarding medication or illicit drugs.
- Lack of functional improvement.

Source: Nebraska Department of Health & Human Services. For updated information, visit dhhs.nebraska.gov

OPIOID TAPERING FLOW SHEET

START HERE

Consider opioid taper for patients with opioid MME > 90 mg/d or Methadone > 30 mg/d, aberrant behaviors, significant behavioral/physical risks, lack of improvement in pain and function.

- 1. Frame the conversation around tapering as a safety issue.
- 2. Determine rate of taper based on degree of risk.
- 3. If multiple drugs are involved, taper one at a time (e.g., start with opioids, follow with BZPs).
- 4. Set a date to begin and set a reasonable date for completion. Provide information to the patient and establish behavioral supports prior to instituting the taper. See OPG guidelines.

OPIOIDS

Basic principle: For longer-acting drugs and a more stable patient, use slower taper. For shorter-acting drugs, less stable patient, use faster taper.

- 1. Use an MME calculator to help plan your tapering strategy. Methadone MME calculations increase exponentially as the dose increases, so Methadone tapering is generally a slower process.
- 2. Long-acting opioid: Decrease total daily dose by 5-10% of initial dose per week.
- 3. Short-acting opioids: Decrease total daily dose by 5-15% per week.
- 4. See patient frequently during process and stress behavioral supports. Consider UDS, pill counts and PDMP to help determine adherence.
- 5. After ¼ to ½ of the dose has been reached, with a cooperative patient, you can slow the process down.
- 6. Consider adjuvant medications: antidepressants, Gabapentin, NSAIDs, Clonidine, anti-nausea, anti-diarrhea agents.

Opioid	Approximate Equianalgesic Dose (Oral and transdermal)	Opioid	Approximate Equianalgesic Dose (Oral and transdermal)
Morphine	30 mg	Codeine	200 mg
Fentanyl transdermal	12.5mcg/hr	Hydrocodone	30 mg
Hydromorphone	7.5mg	Methadone Chronic	4 mg
Oxycodone	20 mg	Oxymorphone	10 mg
Tapentodol	75 mg	Tramadol	300 mg

MME for Selected Opioids

BENZODIAZEPINE TAPERING FLOW SHEET

START HERE

Consider Benzodiazepine taper for patients with aberrant behaviors, behavioral risk factors, impairment or concurrent opioid use.

- 1. Frame the conversation around tapering as a safety issue.
- 2. Determine rate of taper based on degree of risk.
- 3. If multiple drugs are involved, taper one at a time (e.g., start with opioids, follow with BZPs).
- 4. Set a date to begin and set a reasonable date for completion. Provide information to the patient and establish behavioral supports prior to instituting the taper. See OPG guidelines.

BENZODIAZEPINE TAPER

Basic principle: Expect anxiety, insomnia, and resistance. Patient education and support will be critical. Risk of seizures with abrupt withdrawal increases with higher doses. The slower the taper, the better tolerated.

Slow Taper	Rapid Taper		
 Calculate the total daily dose. Switch from short-acting agent (Alprazolam, Lorazepam) to longer-acting agent (Diazepam, Clonazepam, Chlordiazepoxide or Phenobarital). Upon initiation of taper, reduce the calculated dose by 25-50% to adjust for possible metabolic variance. 	 Pre-medicate two weeks prior to taper with Valproate 500mg BID or Carbamazepine 200mg every AM and 400mg every HS. Continue this medication for four weeks post-Benzodiazepines. Follow the usual safeguards (lab testing and blood levels) when prescribing these medications. 		
 Schedule first follow-up visit two to four days after initiating taper to determine if adjustment in initial calculated dose is needed. 	2. Utilize concomitant behavioral supports.		
 Reduce total daily dose by 5-10% per week in divided doses. 	3. Discontinue current Benzodiazepine treatment and switch to Diazepam 2mg BID for two days, followed by 2mg every day for two days, then stop. For high doses, begin with 5mg BID for two days and then continue as described.		
4. After ¼ to ½ of the dose is reached, you can slow the taper with cooperative patient.	4. Use adjuvant medications as mentioned above for rebound anxiety and other symptoms.		
5. With cooperative patients who are having difficulty with this taper regimen, you can extend the total time of reduction to as much as six months.			' Chart
 Consider adjunctive agents to help with symptoms: Trazodone, Hydroxyzine, neuroleptics, anti-depressants, 	Drug	Half-life (hrs)	Dose Equivalent
Clonidine and alpha-blocking agents.	Chlorodiazepoxide (Librium)	5-30 h	25mg
	Diazepam (Valium)	20-50 h	10mg
	Alprazolam (Xanax)	6-20 h	0.5mg
	Clonazepam (Klonopin)	18-39 h	0.5mg
	Lorazepam (Ativan)	10-20 h	1mg
	Oxazepam (Serax)	3-21 h	15mg
	Triazolam (Halcion)	1.6-5.5 h	0.5mg
	Phenobarbital	53-118 h	30mg

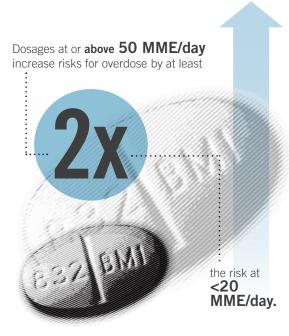
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Source: Nebraska Department of Health & Human Services For updated information, visit dhhs.nebraska.gov

CALCULATING TOTAL DAILY DOSE OF OPIOIDS FOR SAFER DOSAGE

Higher Dosage, Higher Risk.

Higher dosages of opioids are associated with higher risk of overdose and death—even relatively low dosages (20-50 morphine milligram equivalents (MME) per day) increase risk. Higher dosages haven't been shown to reduce pain over the long term. One randomized trial found no difference in pain or function between a more liberal opioid dose escalation strategy (with average final dosage 52 MME) and maintenance of current dosage (average final dosage 40 MME).



WHY IS IT IMPORTANT TO CALCULATE THE TOTAL DAILY DOSAGE OF OPIOIDS?

Patients prescribed higher opioid dosages are at higher risk of overdose death.

In a national sample of Veterans Health Administration (VHA) patients with chronic pain receiving opioids from 2004–2009, **patients who died** of opioid overdose were prescribed an average of **98 MME/day**, while **other patients** were prescribed an average of **48 MME/day**.

Calculating the total daily dose of opioids helps identify patients who may benefit from closer monitoring, reduction or tapering of opioids, prescribing of naloxone, or other measures to reduce risk of overdose.

HOW MUCH IS 50 OR 90 MME/DAY FOR COMMONLY PRESCRIBED OPIOIDS?

50 MME/day:

- 50 mg of hydrocodone (10 tablets of hydrocodone/ acetaminophen 5/300)
- 33 mg of oxycodone (~2 tablets of oxycodone sustained-release 15 mg)
- 12 mg of methadone (<3 tablets of methadone 5 mg)

90 MME/day:

- 90 mg of hydrocodone (9 tablets of hydrocodone/ acetaminophen 10/325)
- 60 mg of oxycodone (~2 tablets of oxycodone sustained-release 30 mg)
- ~20 mg of methadone (4 tablets of methadone 5 mg)



U.S. Department of Health and Human Services Centers for Disease Control and Prevention

LEARN MORE | www.cdc.gov/drugoverdose/prescribing/guideline.html



HOW SHOULD THE TOTAL DAILY DOSE OF OPIOIDS BE CALCULATED?



CAUTION:

 Do not use the calculated dose in MMEs to determine dosage for converting one opioid to another—the new opioid should be lower to avoid unintentional overdose caused by incomplete cross-tolerance and individual differences in opioid pharmacokinetics. Consult the medication label.

Calculating morphine milligram equivalents (MME)

OPIOID (doses in mg/day except where noted)	CONVERSION FACTOR
Codeine	0.15
Fentanyl transdermal (in mcg/hr)	2.4
Hydrocodone	1
Hydromorphone	4
Methadone	
1-20 mg/day	4
21-40 mg/day	8
41-60 mg/day	10
≥ 61-80 mg/day	12
Morphine	1
Oxycodone	1.5
Oxymorphone	3

These dose conversions are estimated and cannot account for all individual differences in genetics and pharmacokinetics.

USE EXTRA CAUTION:

- Methadone: the conversion factor increases at higher doses
- **Fentanyl:** dosed in mcg/hr instead of mg/day, and absorption is affected by heat and other factors

HOW SHOULD PROVIDERS USE THE TOTAL DAILY OPIOID DOSE IN CLINICAL PRACTICE?

- Use caution when prescribing opioids at any dosage and prescribe the lowest effective dose.
- Use extra precautions when increasing to ≥50 MME per day* such as:
 - Monitor and assess pain and function more frequently.
 - Discuss reducing dose or tapering and discontinuing opioids if benefits do not outweigh harms.
 - Consider offering naloxone.
- Avoid or carefully justify increasing dosage to ≥90 MME/day.*
- * These dosage thresholds are based on overdose risk when opioids are prescribed for pain and should not guide dosing of medication-assisted treatment for opioid use disorder.

LEARN MORE | www.cdc.gov/drugoverdose/prescribing/guideline.html

Checklist for prescribing opioids for chronic pain

For primary care providers treating adults (18+) with chronic pain \geq 3 months, excluding cancer, palliative, and end-of-life care

CHECKLIST

When CONSIDERING long-term opioid therapy

- Set realistic goals for pain and function based on diagnosis (eg, walk around the block).
- □ Check that non-opioid therapies tried and optimized.
- □ Discuss benefits and risks (eg, addiction, overdose) with patient.
- □ Evaluate risk of harm or misuse.
 - Discuss risk factors with patient.
 - Check prescription drug monitoring program (PDMP) data.
 - Check urine drug screen.
- $\hfill\square$ Set criteria for stopping or continuing opioids.
- $\hfill\square$ Assess baseline pain and function (eg, PEG scale).
- $\hfill\square$ Schedule initial reassessment within 1–4 weeks.
- Prescribe short-acting opioids using lowest dosage on product labeling; match duration to scheduled reassessment.

If **RENEWING** without patient visit

 $\hfill\square$ Check that return visit is scheduled ${\leq}3$ months from last visit.

When REASSESSING at return visit

Continue opioids only after confirming clinically meaningful improvements in pain and function without significant risks or harm.

- $\hfill\square$ Assess pain and function (eg, PEG); compare results to baseline.
- □ Evaluate risk of harm or misuse:
 - Observe patient for signs of over-sedation or overdose risk. – If yes: Taper dose.
 - Check PDMP.
 - Check for opioid use disorder if indicated (eg, difficulty controlling use).
 If yes: Refer for treatment.
- □ Check that non-opioid therapies optimized.
- $\hfill\square$ Determine whether to continue, adjust, taper, or stop opioids.
- □ Calculate opioid dosage morphine milligram equivalent (MME).
 - If \geq 50 MME/day total (\geq 50 mg hydrocodone; \geq 33 mg oxycodone), increase frequency of follow-up; consider offering naloxone.
 - Avoid \geq 90 MME/day total (\geq 90 mg hydrocodone; \geq 60 mg oxycodone), or carefully justify; consider specialist referral.
- $\hfill\square$ Schedule reassessment at regular intervals (≤ 3 months).

REFERENCE

EVIDENCE ABOUT OPIOID THERAPY

- Benefits of long-term opioid therapy for chronic pain not well supported by evidence.
- Short-term benefits small to moderate for pain; inconsistent for function.
- Insufficient evidence for long-term benefits in low back pain, headache, and fibromyalgia.

NON-OPIOID THERAPIES

Use alone or combined with opioids, as indicated:

- Non-opioid medications (eg, NSAIDs, TCAs, SNRIs, anti-convulsants).
- Physical treatments (eg, exercise therapy, weight loss).
- Behavioral treatment (eg, CBT).
- Procedures (eg, intra-articular corticosteroids).

EVALUATING RISK OF HARM OR MISUSE

Known risk factors include:

- Illegal drug use; prescription drug use for nonmedical reasons.
- History of substance use disorder or overdose.
- Mental health conditions (eg, depression, anxiety).
- Sleep-disordered breathing.
- Concurrent benzodiazepine use.

Urine drug testing: Check to confirm presence of prescribed substances and for undisclosed prescription drug or illicit substance use.

Prescription drug monitoring program (PDMP): Check for opioids or benzodiazepines from other sources.

ASSESSING PAIN & FUNCTION USING PEG SCALE

PEG score = average 3 individual question scores (30% improvement from baseline is clinically meaningful)

- Q1: What number from 0-10 best describes your pain in the past week?
 0="no pain", 10="worst you can imagine"
- **Q2:** What number from 0–10 describes how, during the past week, pain has interfered with your **enjoyment of life**?
 - 0="not at all", 10="complete interference"
- **Q3:** What number from 0–10 describes how, during the past week, pain has interfered with your **general activity**?
 - 0="not at all", 10="complete interference"





U.S. Department of Health and Human Services Centers for Disease Control and Prevention

TO LEARN MORE I www.cdc.gov/drugoverdose/prescribing/guideline.html

Checking the PDMP: An Important Step to Improving Opioid Prescribing Practices

WHAT IS A PDMP?

A PDMP is a statewide electronic database that tracks all controlled substance prescriptions. Authorized users can access prescription data such as medications dispensed and doses.

PDMPs improve patient safety by allowing clinicians to:

- Identify patients who are obtaining opioids from multiple providers.
- Calculate the total amount of opioids prescribed per day (in MME/day).
- Identify patients who are being prescribed other substances that may increase risk of opioids—such as benzodiazepines.

prescriptions for opioids were written by healthcare providers in 2013

enough prescriptions for every American adult to have a bottle of pills

Improving the way opioids are prescribed will ensure patients have access to safer, more effective chronic pain treatment

R

while reducing opioid misuse, abuse, and overdose. Checking your state's PDMP is an important step in safer prescribing of these drugs.

WHEN SHOULD I CHECK THE PDMP?

State requirements vary, but CDC recommends checking at least once every 3 months and consider checking prior to every opioid prescription.





U.S. Department of Health and Human Services Centers for Disease Control and Prevention

LEARN MORE | www.cdc.gov/drugoverdose/prescribing/guideline.html

WHAT SHOULD I CONSIDER WHEN PRESCRIBING OPIOIDS?



Talk to your patient about the risks for respiratory depression and overdose. Consider offering to taper opioids as well as prescribing naloxone for patients taking 50 MME/day or more.



Counsel your patient and coordinate care with their other prescribers to improve safety and discuss the need to obtain opioids from a single provider. Check the PDMP regularly and consider tapering or discontinuation of opioids if pattern continues.



Whenever possible, avoid prescribing opioids and benzodiazepines concurrently. Communicate with other prescribers to prioritize patient goals and weigh risks of concurrent opioid and benzodiazepine use.

WHAT SHOULD I DO IF I FIND INFORMATION ABOUT A PATIENT IN THE PDMP THAT CONCERNS ME?

Patients should not be dismissed from care based on PDMP information. Use the opportunity to provide potentially life-saving information and interventions.



Confirm that the information in the PDMP is correct.

Check for potential data entry errors, use of a nickname or maiden name, or possible identity theft to obtain prescriptions.



Assess for possible misuse or abuse.

Offer or arrange evidence-based treatment (usually medication-assisted treatment with buprenorphine or methadone in combination with behavioral therapies) for patients who meet criteria for opioid use disorder. If you suspect diversion, urine drug testing can assist in determining whether opioids can be discontinued without causing withdrawal.



Discuss any areas of concern with your patient and emphasize your interest in their safety.

HOW CAN I REGISTER AND USE THE PDMP IN MY STATE?

Processes for registering and using PDMPs vary from state to state.

For information on your state's requirements, check The National Alliance for Model State Drug Laws online: ●·····

www.namsdl.org/prescription-monitoring-programs.cfm



LEARN MORE | www.cdc.gov/drugoverdose/prescribing/guideline.html

For Nebraska Specific PDMP Resources, visit <u>dhhs.ne.gov/Pages/Drug-Overdose-Prevention-PDMP-Access.aspx</u>

ED Opioid-Free Pain Options by Indication at Discharge from the ED

Headache:1,2

For acute attacks:

- Sumatriptan 100 mg
- Acetaminophen/Aspirin/Caffeine (Excedrin Migraine)
- Acetaminophen 1000 mg every 6 hours
- DHE 2 mg nasal spray
- Naproxen 500-550 mg twice daily
- Metoclopramide 10 mg every 6 hours
- Ibuprofen 600 mg PO every 6 hours

For prevention:

- Propranolol 40 mg BID
- Divalproex DR 250 mg twice daily OR ER 500 mg daily
- Topiramate 25 mg at bedtime
- Magnesium supplementation 600 mg daily

Sore Throat:

- Ibuprofen 600 mg every 6 hours
- Acetaminophen 1000 mg every 6 hours
- Dexamethasone 10 mg once
- Viscous lidocaine

Fibromyalgia:^{3,4}

- Cardiovascular exercise
- Strength training
- Massage therapy
- Amitriptyline 10 mg at bedtime
- Cyclobenzaprine 10 mg every 8 hours
- Pregabalin 75 mg twice daily

Uncomplicated Neck Pain:⁵

- Acetaminophen 1000 mg every 6 hours
- Ibuprofen 600 mg every 6 hours
- Cyclobenzaprine 5 mg every 8 hours
- Physical therapy
- Lidocaine 5% patch Q12 hours

Uncomplicated Back Pain:^{6,7}

- Acetaminophen 1000 mg every 6 hours
- Ibuprofen 600 mg every 6 hours
- Lidocaine 5% patch Q12 hours
- Diclofenac 1.3% patch TD twice daily •
- Diclofenac 1% gel 4 g four times daily PRN
- Cyclobenzaprine 5 mg PO three times daily
- Heat •
- Physical therapy
- Exercise program

Simple Sprains:

- Immobilization
- Ice
- Ibuprofen 600 mg every 6 hours
- Acetaminophen 1000 mg every 6 hours
- Diclofenac 1.3% patch TD twice daily
- Diclofenac 1% gel 4 g four times daily PRN

Contusions:⁸

- Compression
- Ice
- Ibuprofen 600 mg every 6 hours •
- Acetaminophen 1000 mg every 6 hours
- Lidoderm 5% patch

Non-Traumatic Tooth Pain:⁹

- Ibuprofen 600 mg every 6 hours AND
- Acetaminophen 1000 mg every 6 hours (clove oil, other topical anesthetics)
- Viscous Lidocaine topically

Osteoarthritis:¹⁰

- Diclofenac 50 mg every 8 hours
- Naproxen 500 mg twice daily
- Celecoxib 200 mg daily
- Diclofenac 1.3% patch TD twice daily
- Diclofenac 1% gel 4 g four times daily PRN (topical NSAIDs, capsaicin)

Undifferentiated Abdominal Pain:

- Dicyclomine 20 mg every 6 hours
- Acetaminophen 1000 mg every 6 hours
- Metoclopramide 10 mg every 6 hours
- Prochlorperazine 10 mg every 6 hours

Neuropathic Pain:

- Gabapentin 300mg every 8 hours
- Amitriptyline 25 mg at bedtime
- Pregabalin 75 mg twice daily
- ¹ Marmura MJ, Silberstein SD, Schwedt TJ. The acute treatment of migraine in adults: the american headache society evidence assessment of migraine
- pharmacotherapies. Headache. 2015 Jan;55(1):3-20. Matchar DB et. al. Evidence-Based Guidelines for Migraine Headaches in the Primary Care Setting: Pharmacological Management of Acute Attacks. American Academy of Neurology. Chinn S, Caldwell W, Gritsenko K, Fibromyalgia pathogenesis and treatment

- Chinn S, Calawell W, Gritsenko K. Haromyaigia pathogenesis and treatment options update. Curr Pain Headache Rep. 2016; 20-25. Goldenberg DL, Burckhardt C, Crofford L. Management of fibromyalgia syndrome. JAMA. 2004 Nov 17;292(19):2388-95. Schnitzer, TJ. Update on guidelines for the treatment of chronic musculoskeletal pain. 25 (Suppl 1), Clin Rheumatol. 2006;25 Suppl 1:S22-9 McIntosh G, Hall H. Low back pain (acute). Clin Evid (Online). 2011;05:1102. Handon IA, upp Tudor MM. Malabianara A. Koce PMC Superior therapy for
- Hayden JA, van Tulder MW, Malmivaara A, Koes BW. Exercise therapy for
- treatment of non-specific low back pain. Cochrane Database Syst Rev. 2005;(3). Jones P, Dalziel SR, Lamdin R, Miles-Chan JL, Frampton C. Oral non-steroidal anti-inflammatory drugs versus other oral analgesic agents for acute soft tissue injury. Cochrane Database Syst Rev. 2015 Jul 1.
- Moore PA, Hersh EV. Combining ibuprofen and acetaminophen for acute pain management after third-molar extractions. JADA. 2013; 898-908.
- da Costa, Bruno R et al. Effectiveness of non-steroidal anti-inflammatory drugs for the treatment of pain in knee and hip osteoarthritis: a network meta analysis The Lancet. 2016. 2093-2105.



Opioid Prescribing/Management Guideline Checklist (Based on ASIPP 2012)

1.0 Assessment & Documentation	2.0 Establish Diagnosis	3.0 Establish Medical Necessity	4.0 Establish Treatment Goals
Patient Intake Form complete	□ ст	Physical diagnosis & multi- ple modalities of treatment	30% improvement in function or reduction in pain is common
Physical assessment complete		Pain is moderate to severe	For intervention techniques, 50% reduction in pain scores and disability scores
GRT complete	🗖 X-ray	Suspected organic problem	BEST TO USE NUMERIC SCALES TO ASSESS/RE-EVALUATE
PDMP checked	Neurologic study	Documented failure to respond to other treatments /medications	Oswestry Disability Index
UDT initial complete	Psychologic evaluation	ALL OF THE ABOVE MUST BE CHECKED TO MEET MEDICAL NECESSITY	Pain Scale (0-10)
	Precision diagnostic intervention		Neck Disability Index
	Consultations		Employment status
	D Other		Activity Status

5.0 Assess Therapy Effectiveness	6.0 Informed Decision-Making	7.0 Initial Treatment	8.0 Adherence Monitoring
□ Right type of opioid for the type of pain	Discuss potential benefits and risks	Risk stratification: DIRE or ABC checklists	Dependent on risk stratification: High, Med, Low
Long-term vs short-term management	Discuss results of overdose: withdrawal with stoppage, death, increase risk with alcohol or other medication use	 Select Drug and Dose limits (MED) Select Drug and Dose limits (MED) Keep dose (ALARA) as low as reasonably achievable 	Use Monitoring Algorithm
Special populations: Elderly, children, adolescents, depression/anxiety	Instruct medication needs to be securely stored and not shared	Low dose= up to 40 mg of MED Mod. dose = 41-90 mg of MED High dose = > 91 mg of MED	Monitoring tools: ABC checklist, UDS, PDMP
Consider contraindications	Signed treatment agree- ment/informed consent	Patient education	Continue/discontinue opioid

9.0 Monitor/Manage Side Effects	10.0 Final Phase	11.0 Documentation
May need discontinuation if S.E. indicates	AFTER FIRST 8-12 WEEKS OF THERAPY	Complete and accurate record of all intervention, treatments, medical care
May need bowel regime to manage constipation	Goals met: Continue therapy/ continue to monitor/wean or discontinue	
Review driving under influence of opioids recommendations	Goals not met: Wean/discontinue therapy	



Consistent Messaging

Beginning July 19, 2018, ALL CHI Health entities in Nebraska and Iowa will utilize a universal form across the division.

The "Patient Acknowledgment of Risk of Controlled Substance and Opioid Use" will be used in both the inpatient and outpatient settings.

Ambulatory Clinic Settings

The "Patient Acknowledgment of Risk of Controlled Substance and Opioid Use" will be completed:

- Prior to the FIRST prescription of a Schedule II medication for pain
- Prior to the THIRD prescription of a Schedule II medication for pain
- Existing prescriptions prior the NEXT SCHEDULED prescription RENEWAL
- ANNUALLY for all patients on long-term use of Schedule II medications for pain

RISK OF C	ACKNÖWLEDGEME ONTROLLED SUBS IND OPIOID USE			
Clinic A		TANCE		
Clinic	ND OPIOID USE			
Nebraska Heart	CUMC-Bergan Mercy Mercy Coming Plainview The Physician Network	CUMC-University Campus Mercy Council Bluffs Schuyler Other	Good S Midland St. Eliza	Masouri V
Patient's Printed Name		Date o	/ Birth	Today's Date
		ubstance or opioid medicati		
	as presoribed, these m sychological dependen	edications are highly add	lotive and there	is a risk of developing
		ur body cannot function pro	oedu willhout a c	inter you have become
		ddenly stop taking the drug		
		mors or "shakes," nausea,		
What is Psycholo	gloal Dependence? Als	o called emotional addiction	. It is defined as	a compulsion or percei
need to use a drug	or substance. In severe	cases of psychological add	liction, these the	ughts become all-
		dependency can transform a	a drug into your	central focus of life.
RISK OF DEATH				
benzodiazepines (a		es than prescribed, or mixin alcohol with controlled subs		
		e, substance use disorder o	r overdose, mer	tal bealth conditions (su
		ge greater than 65, and pre-		
TREATMENT OF	PAIN		-	
Prescription control	lied substances and opio	ids can be used to help reli	eve moderate to	severe pain and are of
		ids can be used to help reli or other painful health cond		severe pain and are of
prescribed following		or other painful health cond		severe pain and are of
POTENTIAL ALT	g a surgery or injury, or for ERNATIVES TO THER	or other painful health cond	tions.	
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Hospital Settings

The "Patient Acknowledgment of Risk of Controlled Substance and Opioid Use" will be completed:

· At discharge for all patients prescribed Schedule II medications for pain

Ambulatory Documentation

- Signed and witnessed acknowledgment will be scanned into the electronic medical record
- Provider responsible to document components of law have been met:
 - Risk of addiction and overdose
 - Reasons why prescription is necessary
 - Medical necessity if > 7-day supply is needed
 - Alternatives to treat pain that may be available
 - Iowa only: PMP reviewed
 - Nebraska: Best practice to review PDMP and document



Controlled Substance Policy for Pain Control

SUBJECT: Controlled Substance Policy for Pain Control	RESOURCES: LB931, CDC guidelines for prescribing opioids for chronic pain
	Page 1 of 2
DEPARTMENT:	
EFFECTIVE DATE:	
APPROVED BY:	REVISED:

POLICY: Howard County Medical Center (HCMC) Acknowledges compliance with controlled substance prescribing and education for patients regarding the risks of controlled substance and opioid use.

PURPOSE: To have a standardize practice in the clinic among providers when prescribing and educating patients on the use of controlled substances and opioid use.

DEFINITIONS:

Provider: Any licensed medical provider who is able to prescribe controlled substances.

<u>Controlled Substances:</u> Any Scheduled II-IV drug used for pain control.

Opioid: Class of medications that act on opioid receptors and are highly addictive.

<u>Pain Management Agreement:</u> Signed agreement made between a patient and a provider utilizing the form adapted from the American Academy of Pain Medicine.

<u>Acute Pain:</u> Sudden and usually sharp in feeling. Serves as a warning sign or threat to the body. Can be caused by broken bones, burns, cuts, surgery, etc.

<u>Chronic Pain</u>: An unpleasant sense of discomfort that persists or progresses over a long period. Typically persists over time and is often resistant to medical treatments and is not from cancer.

<u>Prescription</u>: Medication that is written to be filled at a pharmacy by a provider to treat a disease or treat a medical condition.

MME: Milligram Morphine Equivalent (MME) is a value assigned to represent their relative potencies.

Attached documents: Patient Acknowledgment of Risk of Controlled Substance and Opioid Use, Pain Management Agreement.

RATIONALE: Guidelines for prescribing opioids for chronic pain is intended to improve communication between providers and patients about risks and benefits of opioid therapy for chronic pain, improve the safety and effectiveness of pain treatment, and reduce the risks associated with long-term opioid use disorder and overdose. The guideline is not intended for patients who are in active cancer treatment, palliative care or end-of-life care.



SUBJECT: Controlled Substance Policy for Pain Control	RESOURCES: LB931, CDC guidelines for prescribing opioids for chronic pain
	Page 2 of 2
DEPARTMENT:	
EFFECTIVE DATE:	
APPROVED BY:	REVISED:

IMPLEMENTATION:

- When prescribing a controlled substance for the first time the provider will provide the Patient Acknowledgment of Risk of Controlled Substance and Opioid Use see attached. This will be put in the chart and a copy to the patient.
 - o This acknowledgment will cover the risks and alternatives to opioid therapy.
 - o The patient and the provider will sign (If the patient is a minor, the guardian will sign).
 - o If the prescription is for more than 7 days, the reason will be documented on this form.
 - o It is also noted on the acknowledgment form that if the patient is opioids for chronic pain control that the prescription will be written for 30 days and that the patient will need to be seen every 90 to 180 days while receiving this treatment.
 - o For patients 18 years or younger should not be prescribed more than 7 days or opioids (unless there is documentation in the on why in the patient's chart).
- The Patient Acknowledgment of Risk of Controlled Substance and Opioid Use form will be reviewed after the third prescription and then yearly for patients on chronic opioid use.
- Patients receiving opioids for chronic pain should be seen by the ordering provider every 90-180 days to discuss goals and reinforce patient education about opioid use. And to discuss non opioid treatment options.
- Providers will have a goal of keeping the MME less than or equal to 50 MME/day, if dosing greater than 50 MME/day is required the risk and benefits should be weighed.
- If a patient requires more than 90 MME/day of opioids, the provider will need to document the rationale in the patient's chart.
- Naloxone for the patient to have at home should be considered if the patient receiving more than 90 MME/day.
- Providers will also avoid prescribing opioids and Benzodiazepines concurrently whenever possible.
- The provider will place patients on the Pain Management Agreement at their discretion for the best patient care.



Data-Driven Opioid Guardianship A Health Care System's Blueprint for Change

The Opioid Guardianship program is a large-scale project spanning across Nebraska Methodist Health System focused on adhering to all opioid-related regulatory requirements and reducing unnecessary opioid prescription and usage.

Project Goals

- Adhere to all related regulatory requirements
- Reduce unnecessary narcotics prescribing and usage
- Create a roadmap for the Opioid Guardianship Program

Primary Metric

Opioid prescribing at Discharge - Morphine Milligram Equivalent (MME)
 Goals to be set after initial analysis complete

Secondary Metrics - used to guide individual improvement efforts

- Inpatient opioid use
- Multi modal usage
- Patient education
- PDMP utilization

Data Task Force Planned Actions

- Additional analysis of opioid prescriptions per total prescriptions.
- NMHS to benchmark against local/regional VA hospitals.
- Total pills prescribed to dashboard.
- Partnership with NeHii to further improve PDMP access and features.
- Educate providers on best way to access and utilize the PDMP/PMP and better understand workflow issues.

Pharmacy Task Force Planned Actions

- Create plans to operationalize new initiatives passed for CMS, MU, JC that may require PDMP review prior to
 opioid prescribing and EPCS.
- Continue to work with Cerner for additional tools as well as investigate how to incorporate existing tools into the prescriber workflow.
- Integrated MME calculator.
- Investigate 2 prescription method for surgical patients to reduce leftover medications while addressing provider issues around weekend calls.
- Investigate potential changes to pain management protocols.

Clinic Task Force Planned Actions

- Tracking of PDMP use and policy.
- Standardizing location of pain contracts in EMR, renewal process, and maintenance policy.
- PDMP education.
- Continue communication and education with high prescribing providers based on data dashboard.
- Informatics support to set up favorites and PDMP access and MME calculator.



Data-Driven Opioid Guardianship A Health Care System's Blueprint for Change

Hospital Enhanced Recovery Task Force Planned Actions

- Expanding Enhanced Recovery efforts across system.
- Reduce opioid discharge Rx as appropriate.
- Considering standardization of discharge narcotics based on type of surgery.
- Continued investigation of alternative pain control medications and methods.

The Joint Commission Task Force Planned Actions

- Addition of opioid education to patient discharge summary to help ensure education compliance.
- Pain PI is revising comfort menu in order to make it easier and more accessible for nursing to utilize.
- Purchase and implementation of capnography equipment.
- Review of opioid patient education compliance.

Community Task Force Planned Actions

- Continued partnership with NeHii.
- Continue to partner and educate throughout the region both within NMHS and interested community alliances.

Conclusion

Instituting a healthcare system-wide Opioid Guardianship Program required leadership support, project management, continuous improvement expertise, and creating an opioid database so as to develop a data driven approach to institute change by identifying and reducing unnecessary prescribing and adhering to Nebraska LB 931.

Colorado ALTO Project Pain Pathways by Indication



Headache/Migraine

Immediate/First-Line Therapy: 1 L 0.9% NS + high-flow oxygen Ketorolac 15 mg IV Metoclopramide 10 mg IV Dexamethasone 8 mg IV Trigger point injection with lidocaine 1%

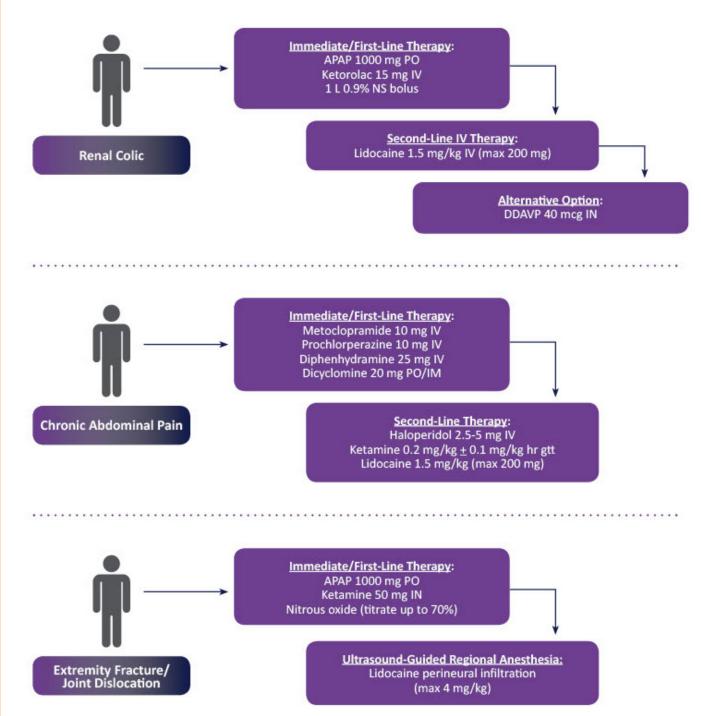
Alternative Options: APAP 1000 mg PO + ibuprofen 600 mg PO Sumatriptan 6 mg SC Promethazine 12.5 mg IV OR prochlorperazine 10 mg IV Haloperidol 5 mg IV Magnesium 1 g IV Valproic acid 500 mg IV Propofol 10-20 mg IV bolus every 10 min

> If Tension Component: Cyclobenzaprine 5 mg OR diazepam 5 mg PO/IV Lidoderm transdermal patch

A Cycle Musculoskeletal Pain

<u>Non-IV Therapies</u>: APAP 1000 mg PO + ibuprofen 600 mg PO Cyclobenzaprine 5 mg PO OR diazepam 5 mg PO Gabapentin 300 mg PO Lidoderm patch (max 3 patches) Ketamine 50 mg IN Trigger point injections with lidocaine 1%

> IV Therapy Options: Ketamine 0.2 mg/kg IV <u>+</u> 0.1 mg/kg/hr gtt Ketorolac 15 mg IV Dexamethasone 8 mg IV Diazepam 5 mg IV



These treatment pathways are not intended to and should not replace clinician judgement or clinical expertise. They are a guide to possible treatment options that maybe considered, in the context of a patient's clinical condition and comorbidities, for the treatment of patients in pain.



Source: Colorado Hospital Association, Colorado ALTO Project "Colorado ALTO Project Pain Pathways by Indication" https://cha.com/opioid-safety/colorado-alto-project/

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UPDATED MAY 2018



Enhanced Recovery After Surgery (ERAS)

What is it and how can it help?

ERAS is a multimodal, multidisciplinary, and comprehensive peri-operative approach to blunting surgical stress experiences on the body; through evidence-based, cumulative approaches, consistent improvements in patient outcomes are found.

Advantages	Challenges
Improved patient satisfaction	Multiple Stakeholders
Decreased postoperative length of stay	Cultural resistance to change
Decreased infection risks and rates	Time and resources required for implementation
Decreased hospital costs	Challenges surrounding communication
Decreased post-operative complications	Education/Support of staff

Components the Enhanced Recovery After Surgery (ERAS) protocol



https://clinicalview.gehealthcare.com/article/eras-protocols-are-they-right-every-surgery

Helpful Links and Resources

- Article: Joliat et al. Beyond surgery: clinical and economic impact of Enhanced Recovery After Surgery programs. BMC Health Serv Res (2018)18:1008.<u>https://doi.org/10.1186/s12913-018-3824-0</u>
- Article: Brown, J. K., Singh, K., Dumitru, R., Chan, E., & Kim, M. P. (2018). The benefits of enhanced recovery after surgery programs and their application in cardiothoracic surgery. *Methodist DeBakey cardiovascular journal*, *14*(2), 77–88. https://doi.org/10.14797/mdcj-14-2-77
- Article: Grasch, J. L., Rojas, J. C., Sharifi, M., McLaughlin, M. M., Bhamidipalli, S. S., & Haas, D. M. (2023). Impact of enhanced recovery after surgery pathway for cesarean delivery on Postoperative pain. AJOG Global Reports, 3(1), 100169. https://doi.org/10.1016/j.xagr.2023.100169
- CDC Clinical Practice Guidelines for Prescribing Opioids for Pain 2022: https://www.cdc.gov/mmwr/volumes/71/rr/rr7103a1.htm
- Free ERAS Continuing Medical Education Program through Goldfinch Health: Navigating the Opioid Crisis: Insights into Prescription-Related Challenges and Solutions.
 1) Visit https://learningipma.org 2)Register 3) Select "Navigating the Opioid Crisis" from the available programs
- AANA Enhanced Recovery After Surgery Overview (Contains infographics and other resources): <u>https://www.aana.com/practice/clinical-practice/clinical-practiceresources/enhanced-recovery-after-surgery/</u>
- Free Specialty-Specific ERAS Guidelines: <u>https://erassociety.org/guidelines/</u>

2 ADDRESSING APPROPRIATE SCREENING & TREATMENT FOR THOSE WITH SUBSTANCE USE/MISUSE DISORDERS

Pitfalls in the Treatment of PWIDs (People Who Inject Drugs)

- It is not uncommon for clinicians to assume that drug users don't care about their health; such mis-perceptions are noticed by patients. Fearing this negativity and condescension, many drug users avoid the emergency department by trying to "doctor" themselves.
- Some providers automatically under-treat or minimize pain when they suspect drug-seeking behavior, or perform procedures (e.g., abscess drainage) with inadequate anesthesia in order to "teach the patient a lesson."
- Health care providers occasionally bring in other colleagues to gawk at patients without their permission.
- However, these insensitive "Look at the crazy thing this junkie did to herself/himself!" conversations are inappropriate.
- Nurses and doctors should not contact law enforcement without the patient's knowledge.
- Vague or unrealistic aftercare plans are futile.
- Long speeches and shaming life lectures about drug use can and should be replaced by educational information about risk reduction.
- Patients often overhear health care providers talking about them negatively outside of the room or behind a curtain. Assuming the patient can't hear them, clinicians can be heard warning other providers about the "druggie" or "drug seeker."

Counseling Patients with Substance Abuse/Misuse Disorders

DO	DON'T
 Use neutral language when referring to drug use. Assess the patient's readiness to change. Respect the patient's decisions regarding treatment. Encourage patients to be honest with providers about any drug use. Make information available that is specific to the needs of the patient. Remember harm principles: Accept and don't condemn patients who use drugs. Offer resources without pressure or judgment. Improve quality of life for patients with opioid use disorders. See the individual a person rather than their addiction. 	 Use negative terminology such as "addict" or "junkie." Tell the patient they are ruining their life or are going to die. Attempt to pressure the patient to begin substance abuse treatment. Make assumptions about the mental or physical health of patients with opioid use disorders. Let the stigma associated with injection drug use affect how a patient is treated.

Source: Colorado Chapter, American College of Emergency Physicians "2017 Opioid Prescribing & Treatment Guidelines"



Chart of Evidence-Based Screening Tools and Assessments for Adults and Adolescents

Screening tools

	Substance type		Patient age		How tool is administered	
ΤοοΙ	Alcohol	Drugs	Adults	Adolescents	Self- administered	Clinician- administered
Screening to Brief Intervention (S2BI)	х	х		х	Х	х
Brief Screener for Alcohol, Tobacco, and other Drugs (BSTAD)	x	х		х	х	x
Tobacco, Alcohol, Prescription medication, and other Substance use (TAPS)	х	х	х		Х	Х
Alcohol Screening and Brief Intervention for Youth: A Practitioner's Guide (NIAAA)	x			х		х
Opioid Risk Tool – OUD (ORT-OUD) Chart		х	х		х	

Assessment Resources

	Substan	ce type	Patient age		How tool is administered	
Tool	Alcohol	Drugs	Adults	Adolescents	Self- administered	Clinician- administered
Tobacco, Alcohol, Prescription medication, and other Substance use (TAPS)	х	х	х		Х	х
CRAFFT 12	х	х		х	х	х
Drug Abuse Screen Test (DAST-10)* For use of this tool - please contact Dr. Harvey Skinner 🖻		х	х		Х	х
Drug Abuse Screen Test (DAST-20: Adolescent version)* For use of this tool - please contact Dr. Harvey Skinner 🖻		х		х	Х	х
NIDA Drug Use Screening Tool (NMASSIST) (discontinued in favor of TAPS screening above)	x	х	х			х
Alcohol Screening and Brief Intervention for Youth: A Practitioner's Guide (NIAAA)	х			х		х

*Tools with associated fees

To download the PDFs associated with these screening tools and assessments, and other validated tools, visit:

https://www.drugabuse.gov/nidamed-medical-health-professionals/tool-resources-your-practice/screening-assessment-drug-testing-resources/chart-evidence-based-screening-tools

Substance Use Levels of Care

Level of Care/Type of Service	Description	Length of Stay
Substance Use Evaluation	Licensed counselor or other practitioner with substance use assessment in their approved scope of practice interviews and assesses the potential existence of a diagnosable substance use disorder. If indicated, will make a level of care recommendation.	Typically a 2-3 hour process that includes a collateral interview and testing.
Medical Detox/Inpatient	Hospitalized inpatient care for the medically unstable patient unable to attend substance use programming. Includes daily physician visits and intense medical monitoring by nursing staff.	Stay typically lasting 1-5 days. Individualized as needed.
Social Detox	24-hour bedded care with minimal physician or nursing oversight. Includes no programming or therapy.	Stay typically lasting 1-5 days. Individualized as needed.
Short-Term Residential	24-hour residential care with intense substance use programming from 9 am - 9 pm. Includes group therapy, individual sessions, family sessions, lectures, discussions, and recreational activities.	Stay typically lasting 5-30 days. Individualized as needed.
Partial Care/Day Treatment	An outpatient level of care that includes at least 6-8 hours of programming. Includes group therapy, individual session, family sessions, lectures, discussions, and recreational activities.	Typically 3-5 days per week and lasts 1-6 weeks. Individualized as needed.
Intensive Outpatient	An outpatient level of care that includes at least 3 hours of programming. Includes group therapy, individual session, family sessions, lectures, discussions, and recreational activities.	Typically 3-5 days per week and lasts 1-8 weeks. Individualized as needed.
Outpatient	An outpatient level of care that includes individual therapy, group therapy, and family sessions. On occasion, this level is individual sessions only.	Typically one group per week and 1-2 individual sessions per month and lasts 4-16 weeks. Individualized as needed.
Drug & Alcohol Education	An outpatient level of care that is a didactic presentation of education. This is a minimal intervention aimed to educate individuals to change their substance use patterns.	Typically a one-day offering lasting 6-8 hours or spread into shortened classes over several weekends.

NDHHS Division of Behavioral Health

Behavioral Health Resources For Schools | Division of Behavioral Health

There Is No Health Without Behavioral Health

The Division of Behavioral Health is designated by federal and state law as the state's single authority for mental health and substance use disorders. The Division directs the administration and coordination of the public behavioral health system in providing services to individuals who do not have private Insurance or are not eligible for Medicaid.

Nebraska is split into six Behavioral Health "Regions." These are local units of governments that the state partners with to do planning and service implementation for behavioral health. The Regions purchase services from providers in their area. The Division of Behavioral Health also contracts directly with providers for services.

The map below shows Nebraska's Behavioral Health Regions followed by a table that provides contact information for each Region. Schools are encouraged to engage with their Region to learn about behavioral health resources and programs for children, youth and families.



Behavioral Health Regions

Region 1	(308) 635-3173	http://region1bs.net	Region 4	(402) 370-3100	www.region4bhs.org
Region 2	(308) 534-0440	www.r2hs.com	Region 5	(402) 441-4343	www.region5systems.net
Region 3	(308) 237-5113	www.Region3.net	Region 6	(402) 444-6573	www.regionsix.com

For most current information, visit <u>dhhs.ne.gov/Pages/Behavioral-Health.aspx</u>

For Interactive Region Map for region-specific resources, including Practitioners visit <u>portal.networkofcare.org/NebraskaBehavioralHealth?state=Nebraska</u> For Medication Assisted Treatment (MAT) Providers, visit <u>dhhs.ne.gov/Pages/State-Opioid-Response.aspx</u>. Scroll down and click 'providers of buprenorphine'



ADDRESSING APPROPRIATE EXPECTATIONS ON THE PART OF THE PUBLIC REGARDING OPIOID USE

Patients who receive opioids should be educated about their side effects and potential for addiction, particularly when being discharged with an opioid prescription.

Overdosing on Opioids Can Happen by Accident

Due to their effect on the part of the brain which regulates breathing, opioids in high doses can cause slow breathing (respiratory depression) and death. It is especially dangerous to combine opioids with alcohol or sedatives, like Benzodiazepines (e.g., Lorazepam/Ativan, Alprazolam/Xanax, Diazepam/Valium). Combining opioids with alcohol and sedative medications increases the risk of respiratory depression and death, and combinations of opioids, alcohol and sedatives are often present in fatal drug overdoses.

Opioid Drugs are Addictive

Up to 1 out of 4 people receiving long-term opioid therapy in a primary care setting struggles with addiction. Addiction is a chronic illness with symptoms of uncontrollable cravings, inability to control drug use, compulsive drug use, inability to meet work, social or family obligations, and use despite doing harm to oneself or others. The cravings in addiction are rooted in changes to the brain. One aspect of recovery is the process of reversing, to the extent possible, these brain changes.

Side Effects

In addition to the serious risks of overdose and addiction, the use of prescription opioids can have a number of side effects, even when taken as directed. You can develop tolerance to opioids, which means you might need more of the medication for the same pain relief. You can develop physical dependence on opioids, which means that you have symptoms of withdrawal, like drug craving, anxiety, insomnia, abdominal pain, vomiting, diarrhea and tremors, if you suddenly stop taking the medication.

Other side effects include constipation, nausea, vomiting, dry mouth, sleepiness, dizziness, confusion and increased sensitivity to pain.

For Patients Taking Opioids

If you and your prescriber choose opioids to manage your pain, follow these steps to avoid risk of addiction or overdose:

- 1. Start low and go slow. Your prescriber should give you the lowest dose for the shortest amount of time possible.
- 2. Never take opioids in greater amounts or more often than prescribed. Otherwise addiction or overdose become more likely.
- 3. Avoid taking opioids with alcohol. Mixing can increase your risk of overdose.
- 4. Avoid mixing opioids with the following medications when possible (unless otherwise advised by your prescriber):
 - Sedatives or tranquilizers, including Benzodiazepines (such as Xanax and Valium)
 - Muscle relaxants (such as Soma or Flexeril)
 - Sleeping pills or hypnotics (such as Ambien or Lunesta)
 - Other prescription opioid pain relievers

However, there may be circumstances where prescribing opioids with these medications is necessary and acceptable. Also, your prescriber may use urine drug tests and check your prescription history to help make prescribing decisions that ensure your safety.

- 5. Follow up regularly with your health care professional to monitor how the medication is working, side effects, or signs of opioid use disorder (like addiction).
- 6. If you're taking opioids for an extended period of time, you should taper with the guidance of your health care professional as your pain subsides until you're off opioids completely. If you're taking high doses or long-term opioids, consider having Naloxone on hand. Opioids aren't made for long-term use; the more you use them, the more your body builds a tolerance. You'll have the same level of pain, but need more opioids increasing your chances of overdose or addiction. Long-term use of opioids can be appropriate for some patients receiving active cancer treatment, palliative care and/or end-of-life care.

Source: Turning the Ride: For Patients (2016) https://turnthetiderx.org/for-patients/#

Nebraska Medication Disposal Program

Unused or expired medication can fall into the wrong hands and lead to accidental poisoning or illegal use. Medications should not be flushed down the toilet or put in the trash. If disposed of improperly, medications can harm the environment. The ability to safely dispose of unused medications is an important strategy in the fight to reduce unnecessary opioids in circulation.

Nebraska MEDS is a coalition of state and community partners dedicated to educating patients about safe disposal of prescription and over-the-counter medications. Nebraska MEDS has implemented educational efforts and supports a pharmacy-based medication disposal program utilizing the Sharps Compliance Takeaway Environmental Return System. Patients can take their unwanted to expired controlled or non-controlled medications to the participating pharmacists who will assist them with the disposal process.

To locate a participating pharmacy, you can access https://www.nebraskameds.org/ and click on Disposal Locations to search for a specific location. Medication Disposal Locations provides a complete list of all pharmacies participating. Every day is a take-back day when you return your unwanted, unneeded or expired medications to a participating pharmacy.



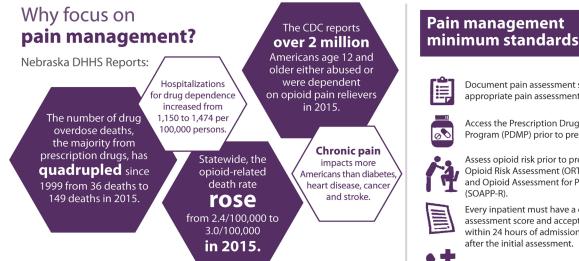
Find up to date distribution downloads for Proper Medication Disposal at <u>https://www.nebraskameds.org/be-informed#downloads</u>



Working together to deliver safe, compassionate, evidence-based pain management to the patients we serve.

OUR MISSION is to partner with patients, their families and clinicians to deliver safe, compassionate, evidence-based pain management across the care continuum while providing guidance to those delivering care.

OUR GOAL is to reduce the number of opioids which become uncontrolled in our community.



Pain management

ASSESSMENT:

- Evaluate and determine estimated recovery time.
- Educate the patient regarding expectations for healing and duration and intensity of pain.

NON-OPIOID OPTIONS:

- Brief rest, intermixed with graded physical activity/exercise
- External pain-reducing modalities such as immobilization, heat/cold and elevation.
- OTC medications with specific instructions on doses and duration.

OPIOID TREATMENT:

- Access PDMP prior to prescribing.
- Assess for opioid risk.
- Determine if the risks of treatment outweigh the benefits.
- Use the lowest possible dose for the shortest amount of time; less than three days in most cases.

STOP AND ASSESS:

If patient requests more opioids beyond what you feel is appropriate in your clinical judgment:

- Assess for unforeseen complications.
- Assess for substance abuse.
- · Reinforce non-opioid modalities of pain control.

Document pain assessment scores using the appropriate pain assessment tool.

Access the Prescription Drug Monitoring Program (PDMP) prior to prescribing opioids.

Assess opioid risk prior to prescribing using Opioid Risk Assessment (ORT) or Screener and Opioid Assessment for Patients Revised

Every inpatient must have a documented pain assessment score and acceptable level of pain within 24 hours of admission and once per day

Order a scheduled, non-opioid pharmacologic agent(s) if there are not contraindications when an opioid medication if prescribed.

Offer patient integrative therapy solutions for pain management.

Prescribe no more than three to five days of opioids when indicated for acute pain.

Educate patient on how to dispose of unused medications

Higher dosage, higher risk

Dosages at, or above 50 Morphine Equivalents (MME) per day, double people's risk of overdose. Calculating the total daily dose of opioids helps identify patients who may benefit from close monitoring, reduction or tapering of opioids. Prescribe the lowest effective dose.

Procedure and doses



Procedure	Start with: Acetaminophen 1gm PO every 8 hrs, Ibuprofen 400mg PO every 8 hrs. (unless contraindicated)*	If needed, opioid pills Recommended at Discharge Oxycodone 5mg tablets
Laparoscopic Cholecystectomy	Acetaminophen and/or Ibuprofen (NSAIDS) OR Tramadol	10 tablets **
Laparoscopic inguinal hernia repair unilateral	Acetaminophen and/or Ibuprofen (NSAIDS) OR Tramadol	12 tablets
Open inguinal hernia repair, unilateral	Acetaminophen and/or Ibuprofen (NSAIDS) OR Tramadol	10 tablets
Open umbilical hernia repair	Acetaminophen and/or Ibuprofen (NSAIDS) OR Tramadol	14 tablets
Arthroscopic partial meniscectomy	Acetaminophen and/or Ibuprofen (NSAIDS) OR Tramadol	8 tablets
Arthroscopic ACL or PCL repair	Acetaminophen and/or Ibuprofen (NSAIDS) OR Tramadol	20 tablets
Arthroscopic rotator cuff repair	Acetaminophen and/or Ibuprofen (NSAIDS) OR Tramadol	20 tablets
ORIF of the Ankle	Acetaminophen and/or Ibuprofen (NSAIDS) OR Tramadol	20 tablets
Hysterectomy, open	Acetaminophen and/or Ibuprofen (NSAIDS) OR Tramadol	15 tablets
Hysterectomy minimally invasive	Acetaminophen and/or Ibuprofen (NSAIDS) OR Tramadol	10 tablets
Uncomplicated Cesarean section	Acetaminophen and/or Ibuprofen (NSAIDS) OR Tramadol	10 tablets
Lumpectomy	Acetaminophen and/or Ibuprofen (NSAIDS) OR Tramadol	10 tablets
Lumpectomy with sentinel node biopsy	Acetaminophen and/or Ibuprofen (NSAIDS) OR Tramadol	12 tablets
Thyroidectomy, partial or total	Acetaminophen and/or Ibuprofen (NSAIDS) OR Tramadol	10 tablets
Cochlear implant	Acetaminophen and/or Ibuprofen (NSAIDS) OR Tramadol	0 tablets
Microdiscectomy (one level)	Acetaminophen and/or Ibuprofen (NSAIDS) OR Tramadol	12 tablets
Total Knee	Acetaminophen and/or Ibuprofen (NSAIDS) OR Tramadol	30 tablets
Total Hip	Acetaminophen and/or Ibuprofen (NSAIDS) OR Tramadol	30 tablets

John Hopkins Post-Surgical Pain Management Guidelines, 2018

*While the type of opioid and amount should be individualized to each patient factoring the extent of surgery, patient goals, and clinician recommendation, the pills listed are presented as oxycodone 5mg pill equivalent. **Oxycodone 5 mg tablet by mouth every 6 to 8 hours for the first 2 days as needed for pain, and then if severe pain

persists then may continue taking one tablet every 12 hours for an additional few days

	Opioid	Conversion Factor	Dosage Mg/Day	MME Calculation
Calulating total daily	Buprenorphine	20-40	1 mg po bid (2mg)	40-80 MME
	Codeine	0.15	15 mg po 4xday (60mg)	9 MME
dose of opioids	Fentanyl transdermal (in mcg/hour)	2.4	12.5 mcg/hour patch (0.3 mg per 24 hours)	30 MME
1. Determine the total daily amount of	Hydrocodone	1	5 mg po 4xday	20 MME
each opioid taken.	Hydromorphone	5	2 mg po 4xday (8mg)	40 MME
2. Convert each to MMEs, multiply the	Methadone	4.7	5 mg po TID (15 mg)	70.5 MME
dose for each opioid by the	Morphine	1	15 mg po 4xday (60mg)	60 MME
conversion factor.	Oxycodone	1.5	5 mg po 4xday (20 mg)	30 MME
3. Add them together.	Oxymorphone	3	5 mg po 4xday (20 mg)	60 MME
	Tapentadol	0.4	50 mg po 4xday (200 mg)	80 MME
	Tramadol	0.2	50 mg po 4xday (200 mg)	40 MME

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How to safely use opioids

- Start low and go slow. Take the lowest dose and amount needed to manage your pain. Unlike antibiotics, you don't need to finish the entire prescription.
- Your risk of becoming dependent on or addicted to opioids increases as you take more (higher doses) or take for a longer period of time.
- Always store your medication in a safe place, out of reach of others (including visitors, children, friends and family).
- Never share or sell your prescription opioids.

Your provider can give you options

The CDC recommends using **the smallest** amount for the shortest time.

You always have the option of asking your pharmacist to **fill a smaller amount** than what was prescribed.

It's important to have realistic expectations for the treatment of your pain. Always reach out to your doctor of pharmacist if you have any questions about your pain therapy options.



Safe disposal options

It's important to safely dispose of opioids and other medications you no longer use. Your local pharmacy or police department can offer a solution or help you determine the best disposal method for you and your family.

You can also find help for addiction and pain management at:

samhsa.gov or The National Helpline at 1-800-662-HELP or

cdc.gov/drugoverdose/patients



COLUMBUS COMMUNITY HOSPITAL

Let's talk about prescription opioids

When prescribed and taken properly, prescription opioids can be used to relieve moderate to severe pain following surgery, injury, or for certain chronic health conditions.

But there's more you need to know about opioids.

- Don't take more than you need or for
- Your risk of becoming addicted to opioids increases as you take more (higher doses)
- or take for a longer period of time.
 Safely dispose of any unused medication
- immediately after treatment has ended.

CDC reports that more than 40 people die every day from overdoses involving prescription opioids.

COLUMBUS COMMUNITY HOSPITAL www.columbushosp.org

Prescription opioids come with some serious risks, including but not limited to:*

- · Overdose that could lead to sudden death
- Physical dependence you may have symptoms of withdrawl after the medication has stopped
- Depression

Overdose risk increases when you combine your opioids with the following drugs:

- Alcohol
- Benzodiazepines (such as alprazolam and diazepam)
- Other sedative
- Other opioids, including prescription and illicit forms, such as heroin

Talk with your doctor or pharmacist about any other medications that you are taking with your opioids.

* This is not a comprehensive list of all risks or side effects. Please review the information provided with your prescription and consult your primary care provider of pharmacist for additional information.

The following conditions may increase your risks associated with opioids:

- History of drug misuse, or overdose
 Certain mental health conditions (such as depression or anxiety)
- Older patients (over 65 years old)
- Pregnancy

Each day, more than 1,000 people are treated in emergency departments as a result of not using their opioid medication correctly.



Opioids by the numbers

- 1 in 4 people who receive prescription opioids long-term for non-cancer pain struggles with addiction.
- Today, nearly half of all U.S. opioid overdose deaths involve a prescription opioid.

Pamphlet information adapted from: cdc.gov and WalMart.

DO

- Talk with your provider about other treatment options, such as:
 - Over-the-counter pain relievers like acetaminophen, ibuprofen, or naproxen (Tylenol, Motrin, Aleve)
 - Physical therapy, exercise, or weight loss
 - Ice or heat therapy
 - Learn how to modify physical, behavioral and emotional triggers of physical pain
- Dispose of any unused medications after your treatment has ended
- Call 911 immediately if you take too much of your medication, experience shortness of breath, or a child takes your medication
- Talk to your doctor or pharmacist if you are concerned about the risk of overdose

DON'T

- Give your medication to others or leave your medications in an unsecure place where others might have access
- Take more than the prescribed amount of your medication
- Take it for longer than needed or to treat another injury or condition later
- Drink alcohol while taking opioids
- Take with other medications, especially those that cause drowsiness, without talking to your doctor or pharmacist



BOONE COUNTY HEALTH CENTER AND MEDICAL CLINICS 723 West Fairview Street P.O. Box 151 Albion, NE 68620

Patient Na	me:	 <u> </u>
DOB:		
MR #:		
FIN #		

Opioid Pain Management Agreement and Consent

(Initial each statement after reviewing):

, understand and voluntarily agree that:

I will keep (and be on time for) my scheduled appointments every 90 days with the PCP (Primary Care Provider).

- I understand that the medication will be prescribed on by ______ or his/her designee______ and only according to the agreed-upon schedule. Prescriptions will be provided only during regularly schedule appointments. Refills will never be
 - provided by telephone.
- I will participate in all other types of treatment that I am asked to participate in.
- I will keep the medicine safe, secure and out of the reach of children. If the medicine is lost or stolen, I understand it will not be replaced until my next appointment, and may not be replaced at all.
- I will take my medication as instructed and not change the way I take it without first talking to the doctor or other member of the treatment team.
- I will not call between appointments, at night, on the weekends or holiday hours looking for refills. I understand that prescriptions will be filled only during scheduled office visits with the treatment team.
- I will make sure I have an appointment for refills. If I am having trouble making an appointment, I will tell a member of the treatment team immediately.
- I will treat the staff at the office respectfully at all times. I understand that if I am disrespectful to staff or disrupt the care of other patients my treatment will be stopped.
 - I will not sell this medicine or share it with others. I understand that if I do, my treatment will be stopped.
 - I will sign a release form to let the doctor speak to all other doctors or providers that I see. I
- understand that PDMP (Prescription Drug Monitoring Program) will be accessed every 90 days. I will tell the doctor all other medicines that I take, and let him/her know right away if I have a
 - prescription for a new med.
- _____ I will use only one pharmacy to get all on my medicines:

Pharmacy name _

_ Phone #: _

- I will not get any opioid pain medicines or other medicines that can be addictive such as benzodiazepines (i.e. Klonopin/Clonazepam, Xanax, Valium) or stimulants (i.e. Ritalin, Amphetamine) without telling a member of the treatment team before I fill that prescription. I understand that the only exception to this is if I need pain medicine for an emergency at night or on the weekends.
- I will not use illegal drugs such as heroin, cocaine, marijuana, or amphetamines. I understand that if I do, my treatment may be stopped.
- I will come in for drug testing and counting of my pills within 24 hours of being called. I understand that I must make sure the office has current contact information in order to reach me, and that any missed tests will be considered positive for drugs.
- I will keep up to date with any bills from the office and tell the doctor or member of the treatment team immediately if I lose my insurance or can't pay for treatment anymore.
- _____I understand that I may lose my right to treatment in this office if I break any part of this agreement.



Letter Informing Patients of Guidelines

Dear Crete Area Medical Center patient,

Crete Area Medical Center's goal is to give patients the best and safest care. Today about 105 deaths happen each day due to overdoses from prescription narcotics. There are standard prescribing recommendations that CAMC plans to use for pain management, thus, reducing and/or preventing overdoses.

These recommendations discuss topics such as: the risks and benefits of narcotic use for chronic pain, treatment plans, and medication misuse and overdose.

If you are a patient that is being treated with narcotics for chronic pain, you can expect your provider to review your treatment plan at your next visit.

This review may include:

- Establishing goals for your chronic pain management
- · Discussion on the risks and benefits of narcotic use for chronic pain management
- Evaluating effectiveness and /or risks of current chronic pain treatment plan
- Consideration of nonnarcotic treatment options for chronic pain

As your healthcare provider, we are a partner in your "health." We are committed to giving you the safest and most effective care.

Sincerely,

CAMC Medical Staff



Warm compressIce pack

Warm blanket

• Extra pillow

Neck pillowAir mattress topper

• Warm washcloth

Saline nose spray

• Mouth swab

• Pillow to raise your knees or ankles

• Humidification for your oxygen tube

Your menu of pain control and comfort options

Controlling your pain and ensuring a positive patient experience.

Thank you for choosing Great Plains Health. Please discuss your pain control goals and comfort options with your nurse and doctor.

You know how you're feeling better than anyone. We hope this menu makes it easier for you to talk with us about your pain control therapy.



2 For those times when medication is needed

- If you think your pain requires medication, talk to your nurse.
- Discuss pain medication combinations with your nurse or doctor.
- Let your nurse know after 45 minutes if your pain medication is not working.
- Discuss with your nurse if you have a pain regimen at home that works.
- Discuss potential pain medication side effects with your nurse



• Re-positioning

Walk in the hall

• Bath or shower

• Gentle stretching / range of motion



4 Relaxation options

- Ear plugs
- Eye shield / sleep mask
- Stress ball
- Personal headphones
- Visit from clergy
- Quiet / uninterrupted time (discuss this with your nurse)
- **5** Keep boredom at bay
- Book or magazine
- Movies on Get Well Network
- Deck of cards
- Puzzle book (crossword puzzles, word searches, Sudoku)
- Video games

We look forward to discussing these options with you. If you need additional items or have any questions, please ask your healthcare provider. Our goal is to make your experience the best possible.



PATIENT ACKNOWLEDGMENT OF RISK OF CONTROLLED SUBSTANCE AND OPIOID USE

Patient Name:

Date: ____

Your provider has prescribed a controlled substance or opioid medication to treat your pain. Even when taken as prescribed, these medications are highly addictive and there is a risk of developing a physical and/or psychological dependence.

What is Physical Dependence? When your body cannot function properly without a drug, you have become physically dependent or addicted. If you suddenly stop taking the drug, painful withdrawal symptoms occur. Some typical withdrawal symptoms can include tremors or "shakes," nausea, diarrhea, chills and body aches.

What is Psychological Dependence? Also called emotional addiction, it is defined as a compulsion or perceived need to use a drug or substance. In severe cases of psychological addiction, these thoughts become all- consuming. Without help, a psychological dependency can transform a drug into your central focus of life.

RISK OF DEATH

Taking more controlled substances or opiates than prescribed, or mixing sedatives (sleeping pills, muscle relaxants) benzodiazepines (anxiety medications), or alcohol with controlled substances or opiates, can lead to respiratory depression and can be fatal (cause death). Risks are greater with history of drug misuse, substance use disorder or overdose, mental health conditions (such as depression and anxiety), sleep apnea, age greater than 65, and pregnancy.

TREATMENT OF PAIN

Prescription controlled substances and opioids can be used to help relieve moderate to severe pain and are often prescribed following a surgery or injury, or for other painful health conditions.

POTENTIAL ALTERNATIVES TO THERAPY

Your provider will discuss with you alternative or complementary treatments for your pain, as appropriate, which may include: physical or occupational therapy; counseling; good nutrition; biofeedback; massage; meditation; gentle exercise; and non-opioid medications.

MEDICATION SAFETY

- Keep all medicines in a safe, preferably locked container, out of sight and out of the reach of children.
- Never share these medicines with others. Never take other people's pain medications.
- Always dispose of your medications properly.
- · Be aware that controlled substances and opioids may affect your judgment and driving skills.

MEDICATION REFILLS

Prescription controlled substances and opioids will only be prescribed for a 30-day period. You can request a refill from your pharmacy for additional medications. Patients on controlled substances or opioids will need to be seen by a provider every 90 days in the office to evaluate pain and pain control.

PRESCRIPTION FOR GREATER THAN SEVEN-DAY SUPPLY (complete, if applicable)

I certify that the above-named patient requires more than a seven-day supply of medications for the medical condition listed below and a non-opioid alternative is not appropriate to address this condition. List Medical Condition necessitating more than a seven day supply:

ACKNOWLEDGMENTS

I, the undersigned, hereby acknowledge that my provider has discussed with me the above information. I also certify that I have read and understand the above information.

I, the undersigned, hereby acknowledge that I have been given the opportunity to have my questions or concerns addressed to my satisfaction.

Signature of Patient or Patient Representative	Date	Time
		🗖 a.m. 🗖 p.m.
Provider Signature	Date	Time
		🗖 a.m. 🗖 p.m.



PATIENT AGREEMENT: PAIN TREATMENT WITH OPIOID MEDICATIONS

Patient Name:

PRACTICES IN NEBRASKA

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RRENT

Medical Record Number:

١,

, understand and voluntarily agree that:

(Initial each statement after reviewing):

I will keep (and be on time for) my scheduled appointments with the doctor and other members of the treatment team. _____ I will participate in all other types of treatment that I am asked to participate in.

I will keep the medicine safe, secure and out of the reach of children. If the medicine is lost or stolen, I understand it will not be replaced until my next appointment, and may not be replaced at all.

___ I will take my medication as instructed and not change the way I take it without first talking to the doctor or other member of the treatment team.

- I will not call between appointments, or at night or on the weekends looking for refills. I understand that prescriptions will be filled only during scheduled office visits with the treatment team.
 - I will make sure I have an appointment for refills. If I am having trouble making an appointment, I will tell a member of the treatment team immediately.
- I will treat the staff at the office respectfully at all times. I understand that if I am disrespectful to staff or disrupt the care of other patients my treatment will be stopped.
 - I will not sell this medicine or share it with others. I understand that if I do, my treatment will be stopped.
- _ I will sign a release form to let the doctor speak to all other doctors or providers that I see.
- I will tell the doctor all other medicines that I take, and let him/her know right away if I have a prescription for a new med. I will use only one pharmacy to get all on my medicines:
- Pharmacy name Phone #: I will not get any opioid pain medicines or other medicines that can be addictive such as benzodiazepines (Klonopin,

Xanax, Valium) or stimulants (Ritalin, Amphetamine) without telling a member of the treatment team before I fill that prescription. I understand that the only exception to this is if I need pain medicine for an emergency at night or on the weekends.

I will not use illegal drugs such as heroin, cocaine, marijuana, or amphetamines. I understand that if I do, my treatment may be stopped.

I will come in for drug testing and counting of my pills within 24 hours of being called. I understand that I must make sure the office has current contact information in order to reach me, and that any missed tests will be considered positive for drugs.

_____ I will keep up to date with any bills from the office and tell the doctor or member of the treatment team immediately if I lose my insurance or can't pay for treatment anymore.

I understand that I may lose my right to treatment in this office if I break any part of this agreement.

PAIN TREATMENT PROGRAM STATEMENT

_____ are making a commitment to work with you in your efforts to get better. To help We here at you in this work, we agree that:

We will help you schedule regular appointments for medicine refills. If we have to cancel or change your appointment for any reason, we will make sure you have enough medication to last until your next appointment.

We will make sure that this treatment is as safe as possible. We will check regularly to make sure you are not having side effects.

We will keep track of your prescriptions and test for drug use regularly to help you feel like you are being monitored well.

We will help connect you with other forms of treatment to help you with your condition. We will help set treatment goals and monitor your progress in achieving those goals.

We will work with any other doctors or providers you are seeing so that they can treat you safely and effectively.

We will work with your medical insurance providers to make sure you do not go without medicine because of paperwork or other things they may ask for.

If you become addicted to these medications, we will help you get treatment and get off of the medications that are causing you problems safely, without getting sick.

Patient signature	Patient name printed	Date
Provider signature	Provider name printed	Date
*Adapted from the American Academy of Pain Medicine.	Original copy to Medical Records Department, provide copy to patient	



Pain Management Talking Points

Some participating providers have found it helpful to lean into multimodal pain management with patients by utilizing talking points like:

The key to get the best pain relief comes down to relying on multiple methods and getting ahead of your pain before the surgery even starts. We are excited to share that we are utilizing multiple medications before surgery starts such as Acetaminophen, Celebrex and Lyrica, and a local pain blocker - all to help treat your pain.

- Acetaminophen (Tylenol) works by blocking the perception of pain at the brain/spinal cord.
- NSAIDs (like ibuprofen, Naproxen, or Celebrex) work to treat inflammation and pain at the site of the injury.
- Lyrica helps to quiet the nerves.

Alternating Acetaminophen and an NSAID after surgery have been shown to be most effective at treating your pain, research shows it is more than three times more effective than opioids. Such non-opioid related medications can also be combined with heat, ice, and meditation. Due to this you likely will not need an opioid or at least very few, but I will be prescribing a limited amount. Take these only when you need to as an addon to the other medication I am giving you. Again, opioids are only for when your pain interferes with your ability to perform daily tasks (such as getting up to go to the bathroom) and to be taken in addition to the other pain medications.

I should mention that while opioids can have a place in recovery, in addition to potential dependency issues and constipation, they have been associated with an increase in infections and may result in an increased risk of blood clots. We have set you up for success with pain management and expect you will do really well in recovery with this multi-pronged approach.







OUR COMMITMENT TO REDUCE THE NEED FOR OPIOIDS



DID YOU KNOW, alternating acetaminophen and an NSAID (like ibuprofen or Celebrex) is **3 times more effective** at treating pain than commonlyused opioids (like Percocet).

In addition to the well known risks of opioids such as dependency and addiction, opioids have also shown higher risks of:

- Blood clots
- Infections
- Falls
- Accidental poisonings for adults and children in your household

That's why your healthcare provider will be speaking with you about ways to lower your post-surgery pain and reduce your exposure to opioids.

NHA | NEBRASKA HOSPITALS

Lincoln, NE Ph: 402-742-8140 • Fax: 402-742-8191 Jeremy Nordquist, MPA, President nebraskahospitals.org