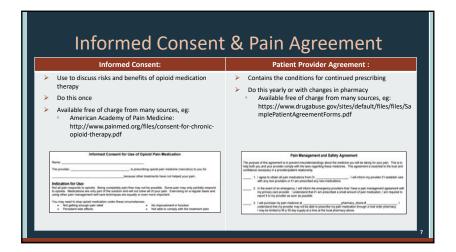
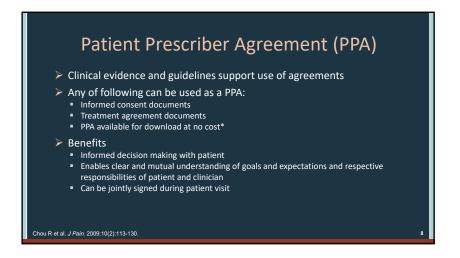
Evidence-Based Tools for Screening for Patients at Risk and Monitoring for Adherence to Prescribed ER/LA Opioids

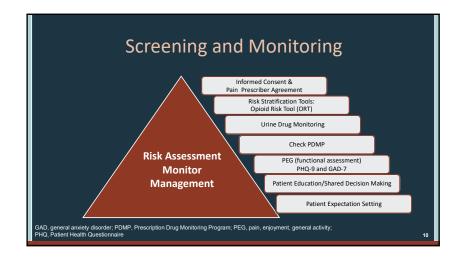
Key Principles of Managing Therapy With ER/LA Opioids Use clinical evidence-based guidelines to: Screen for risk, including assessment of psychiatric comorbidities Establish analgesic and functional goals Use Patient Prescriber Agreements (PPAs) and monitor patient adherence Anticipate/Manage adverse effects and periodically assess benefits, health-related quality of life, the side effect frequency and intensity, and the continued need for opioid analgesics Reevaluate patient's underlying medical condition if clinical presentation changes over time Use referral sources for the treatment of abuse and addiction

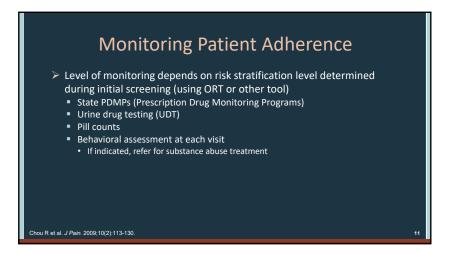
Reach agreement with patient on treatment goals Patient-specific goals may include 1 or more of the following: Pain reduction: 30% considered clinically significant Explain to patient that complete pain relief rarely achieved Improvement in select functional areas: eg, ability to work full time at previous or modified job; play golf once a week, walk the dog daily Improved mood





What Is Typically in a Patient Prescriber Agreement (PPA) Understanding of risks and benefits of opioid therapy Taking the opioid exactly as prescribed One prescribing doctor and one designated pharmacy and whether or not refills will be called in to pharmacy without an office visit Urine/Serum drug testing when requested Pill counts at each office visit No early refills How to safeguard their opioid medication List of behaviors that may lead to discontinuation of opioids Places for signature and dating

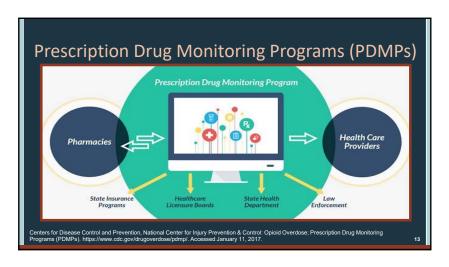




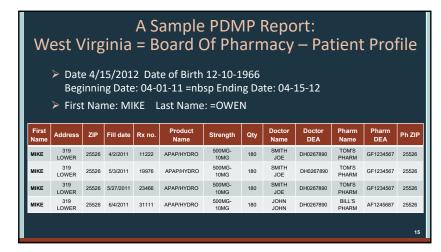
Syllabi/Slides for this program are a supplement to the live CME session and are not intended for other purposes.

Chou R et al. J Pain. 2009;10(2):113-130.

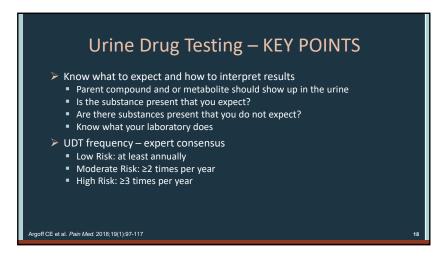


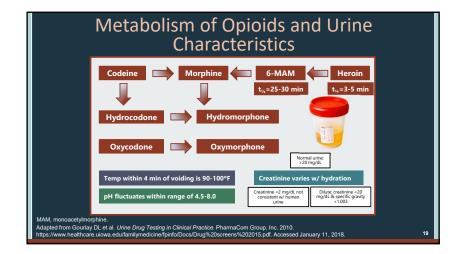


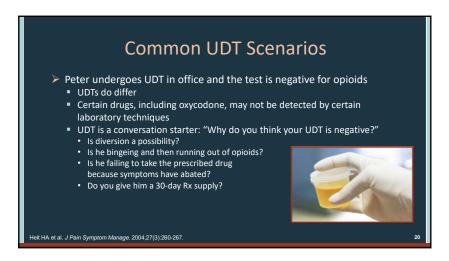


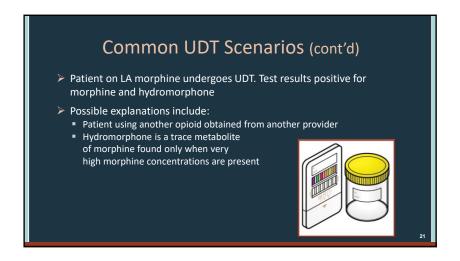


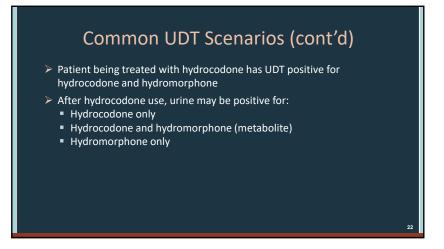
Monitoring Patient Adherence: Urine Drug Testing (UDT) Recommended for all patients for reasons of safety and to remove the stigma associated with UDTs Testing does not imply a lack of trust; it is a conversation starter Self reports of drug use and behavioral monitoring often fail to detect abuse problems UDTs can identify use of prescribed opioids as well as illicit drug use

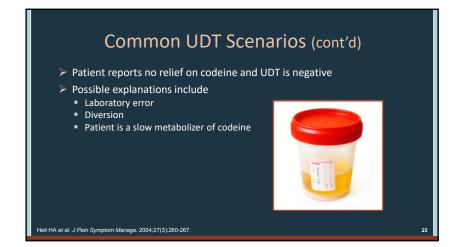


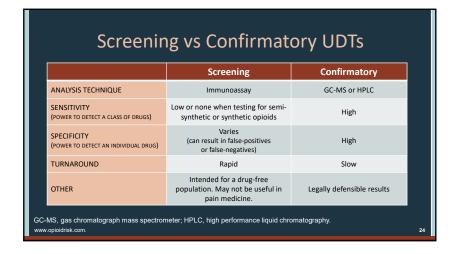


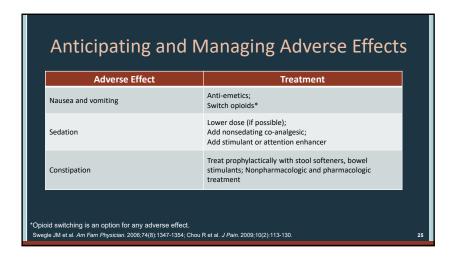


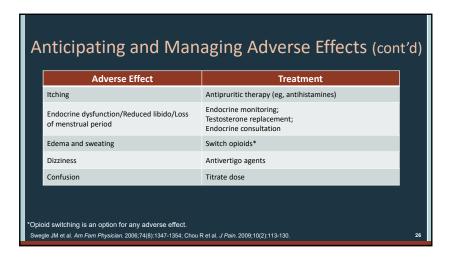


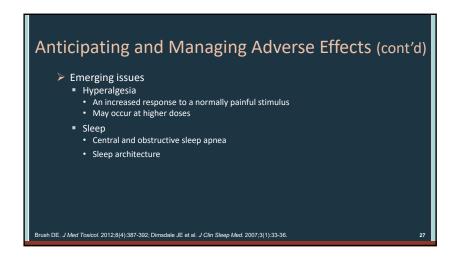


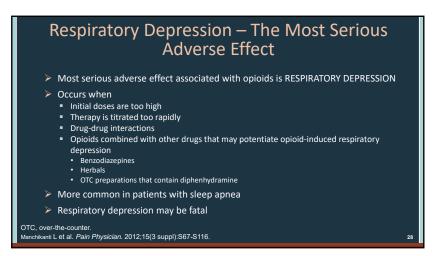












ER/LA Opioid Analgesics in Pregnancy

- > Be aware of the pregnancy status of your patient
- > There are no adequate and well-controlled studies of ER/LA opioids in pregnant women
- ➤ ER/LA opioids should be used in pregnancy only if the potential benefit justifies the risk to the fetus
- If opioid use is required, advise the patient of risk of neonatal opioid withdrawal syndrome and assure that appropriate treatment will be available.

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Reevaluating the Patient's Condition

- Periodically reassess benefits and side effects of prescribed opioids and the continued need for their use
- Reevaluate underlying medical condition if presentation changes
- Continue opioid therapy if appropriate analgesia and functional status improvements are maintained
- > Recognize, document, and address aberrant drug-related behavior

FDA Blueprint for Prescriber Education for Extended-Release and Long-Acting Opioid Analgesics.

https://www.fda.gov/downloads/drugs/drugsafety/informationbydrugclass/ucm515636.pdf. Updated May 2017. Accessed January 17, 2018.

30

What to Do if Your Patient Needs Treatment for Abuse and Addiction

- > Know treatment centers in your area
- > Work out a plan with the center you are referring to
- With a clear indication of abuse or addiction, discontinue prescribing of opioids

Referral Sources for Abuse and Addiction Treatment

- Balancing Pain Management and Prescription Opioid Abuse Available at https://www.cdc.gov/ophss/csels/dsepd/academic-partnerships/wip/primary-care.html
- Find Substance Abuse and Mental Health Treatment <u>Available at www.samhsa.gov/treatment</u>
- National Institute on Drug Abuse <u>Available at www.nida.nih.gov</u>
- American Council for Drug Education Available at www.acde.org
- > American Academy of Addiction Psychiatry
 - Providers' Clinical Support System for Opioid Therapies: www.pcss-o.org
 - Providers' Clinical Support System for Medication Assisted Treatment: www.pcssmat.org

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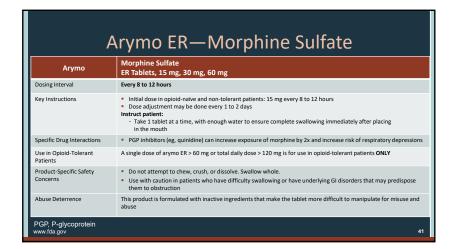
Getting the Greatest Clinical Insights from Specific ER/LA Product Information Sources

Prescribers Must Be Knowledgeable

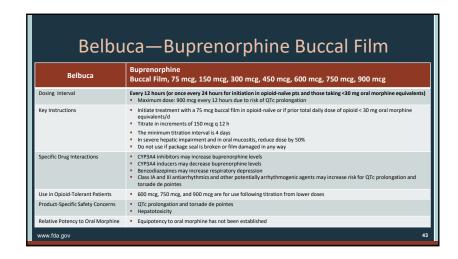
- Before prescribing an opioid, each clinician needs to be knowledgeable about specific characteristics of each available ER/LA opioid, including:
 - Drug substance
 - Formulation
 - Strength
 - Dosing interval
 - Key instructions reserve for use in patients for whom alternative treatment options (eg, non-opioid analgesics or immediate-release opioids) are ineffective, not tolerated, or would be otherwise inadequate to provide sufficient management of pain

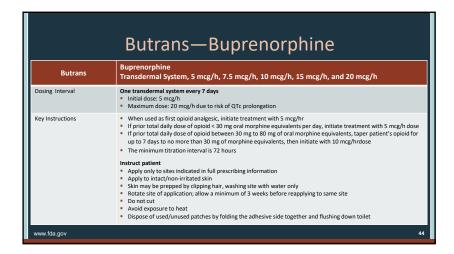
Prescribing Information

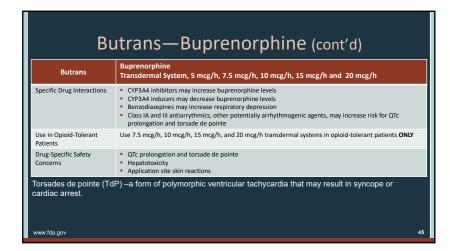
- > For detailed information, prescribers can refer to the prescribing information available online:
 - DailyMed at www.dailymed.nlm.nih.gov
 - drugs@fda
 - https://www.accessdata.fda.gov/scripts/cder/daf/



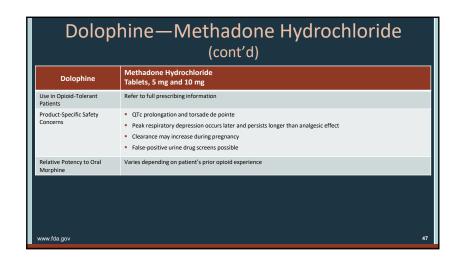
Avinza—Morphine Sulfate ER		
Avinza	Morphine Sulfate ER Capsules, 30 mg, 45 mg, 60 mg, 75 mg, 90 mg, and 120 mg	
Dosing Interval	Once a day	
Key Instructions	Initial dose in opioid non-tolerant patients: 30 mg Irrate in increments of not greater than 30 mg using a minimum of 3- to 4-day intervals Maximum daily dose: 1600 mg due to risk of serious renal toxicity by excipient, fumaric acid Instruct patient: Swallow capsule whole (do not chew, crush, or dissolve) May open capsule and sprinkle pellets on applesauce for patients who can reliably swallow without chewing; use immediately	
Specific Drug Interactions	 Avoid alcoholic beverages or medications containing alcohol; may result in rapid release and absorption of potentially fatal dose of morphine PGP inhibitors (eg, quinidine) may increase absorption/exposure of morphine sulfate by approximately 2x 	
Use in Opioid-Tolerant Patients	Use 90 mg and 120 mg capsules in opioid-tolerant patients ONLY	

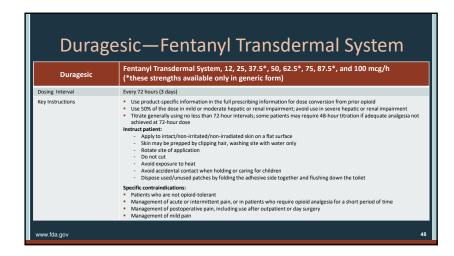






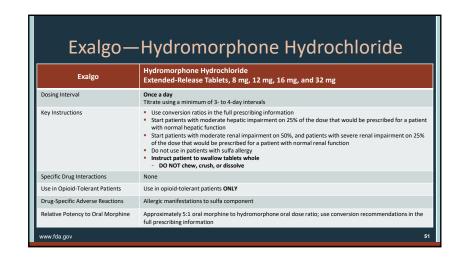
Dolophine	Methadone Hydrochloride Tablets, 5 mg and 10 mg
Dosing Interval	Every 8 to 12 hours Initial dose in opioid non-tolerant patients: 2.5 mg to 10 mg slowly titrated to effect
Key Instructions	Conversion of opioid-tolerant patients using equianalgesic tables can result in overdose and death; use low doses according to table in full prescribing information (PI) High interpatient variability in absorption, metabolism, and relative analgesic potency Opioid detoxification or maintenance treatment shall only be provided in a federally certified opioid (addiction) treatment program
Specific Drug Interactions	Complex pharmacokinetic drug-drug interactions with methadone CYP450 inducers may increase methadone levels CYP450 inhibitors may decrease methadone levels Antirectroviral agents have mixed effects on methadone levels Antirectroviral agents have mixed effects on methadone levels Potentially arrhythmogenic agents may increase risk for QTc prolongation and torsade de pointe Benzodiazepines may increase respiratory depression

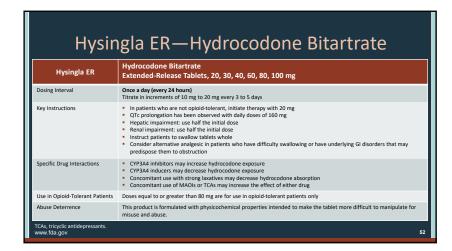


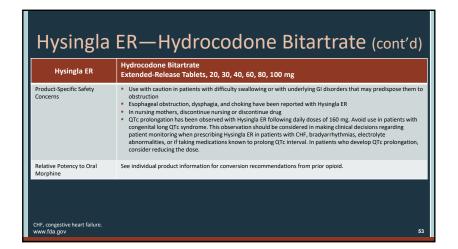




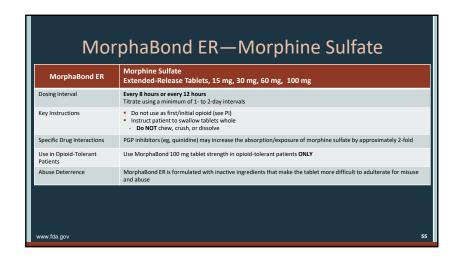
Embeda—Morphine Sulfate ER-Naltrexone		
Embeda	Morphine Sulfate ER-Naltrexone Capsules, 20 mg/0.8 mg, 30 mg/1.2 mg, 50 mg/2 mg, 60 mg/2.4 mg, 80 mg/3.2 mg, and 100 mg/4 mg	
Dosing Interval	Once a day or every 12 hours Initial dose as first opioid: 20 mg/0.8 mg Titral eulorgia - to 2-day intervals	
Key Instructions	Swallow capsules whole (do not chew, crush, or dissolve) Instruct patient: Crushing or chewing will release morphine, possibly resulting in fatal overdose, and naltrexone, possibly resulting in withdrawal symptoms I unable to swallow capsule whole, can open capsule and sprinkle pellets on applesauce; use immediately	
Specific Drug Interactions	Alcoholic beverages or medications containing alcohol may result in the rapid release and absorption of a potentially fatal dose of morphine GP inhibitors (eg., quinificine) may increase the absorption/exposure of morphine sulfate by approximately 2-fold	
Use in Opioid-Tolerant Patients	Use 100 mg/4mg capsule in opioid-tolerant patients ONLY	
Abuse Deterrence	This product is formulated with physicochemical properties intended to make the tablet more difficult to manipulate for misuse and abuse.	

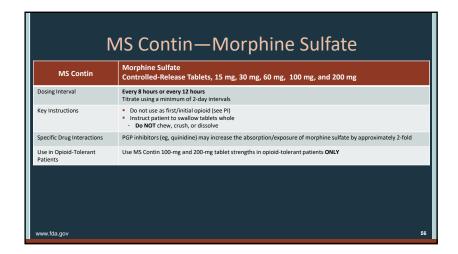


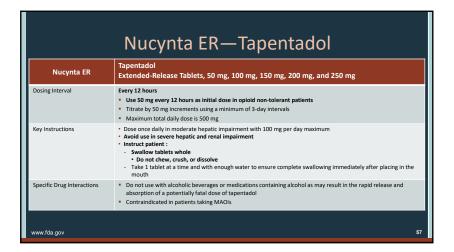




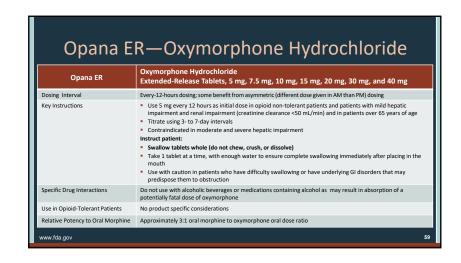
Kadian—Morphine Sulfate		
Kadian	Morphine Sulfate Extended-Release Capsules, 10 mg, 20 mg, 30 mg, 50 mg, 60 mg, 70 mg, 80 mg, 100 mg, 130 mg, 150 mg, and 200 mg	
Dosing Interval	Once a day or every 12 hours Titrate using a minimum of 2-day intervals	
Key Instructions	Do not use as first/initial opioid (see PI) Instruct patient: Swallow capsules whole DO NOT chew, crush, or dissolve If unable to swallow capsule whole, can open capsule and sprinkle pellets on applesauce; use immediately	
Specific Drug Interactions	 Do not use with alcoholic beverages or medications containing alcohol as may result in the rapid release and absorption of a potentially fatal dose of morphine PGP inhibitors (eg, quinidine) may increase the absorption/exposure of morphine sulfate by approximately 2-fold 	
Use in Opioid-Tolerant Patients	Kadian 100 mg, 130 mg, 150 mg, and 200 mg capsules are for use in opioid-tolerant patients ONLY	

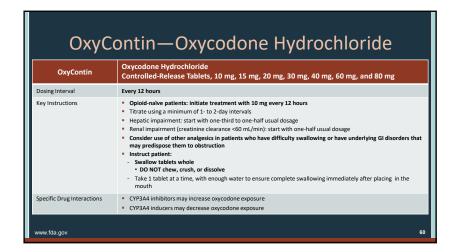


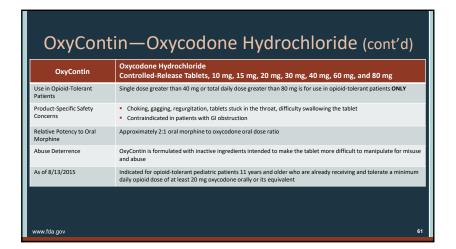




Nucynta ER	Tapentadol Extended-Release Tablets, 50 mg, 100 mg, 150 mg, 200 mg, and 250 mg
Jse in Opioid-Tolerant Patients	No product-specific considerations
roduct-Specific Safety Concerns	Risk of serotonin syndrome Angioedema
Relative Potency to Other Oral Opioids	Equipotency to oral morphine not established Studies leading to its FDA approval use a dose ratio of 5:1 of tapentadol ER to Oxycodone CR
Two Indications	 Pain severe enough to require daily, around-the-clock, long-term opioid treatment for which alternative treatment options are inadequate Neuropathic pain associated with diabetic peripheral neuropathy severe enough to require daily, around-the- clock, long-term opioid treatment and for which alternative treatment options are inadequate







Targiniq ER—Oxycodone HCl/Naloxone HCl		
Targiniq ER	Oxycodone Hydrochloride / Naloxone Hydrochloride Extended-Release Tablets, 10 mg/5 mg, 20 mg/10 mg, and 40 mg/20 mg	
Dosing Interval	Every 12 hours	
Key Instructions	Opioid-naïve patients: initiate treatment with 10 mg/5 mg every 12 hours Titrate using a minimum of 1- to 2-day intervals Do not exceed 80 mg/40 mg total daily dose Hepatic impairment: contraindicated in moderate and severe hepatic impairment. In mild hepatic impairment, start with one-third to one-half usual dosage Renal impairment (creatinine clearance <60 mL/min): start with one-half usual dosage Instruct patient: Swallow tablets whole DO NOT chew, crush, split or dissolve as this will release oxycodone, possibly resulting in fatal overdose, and naloxone, possibly resulting in withdrawal symptoms Take 1 table at a time, with enough water to ensure complete swallowing immediately after placing in the mouth	
Specific Drug Interactions	CYP3A4 inhibitors may increase oxycodone exposure CYP3A4 inducers may decrease oxycodone exposure	

