HealthPartners/GHI	
Subject Pain Management Urine Drug Screen: Time of Last Dose Procedure	Attachments ⊠ Yes □ No
Keywords – Pain Medicine, Drug Screen, TLD	Number GHI-PC-CLINIC LAB- PROCEDURES-TLD Procedure v.09-2012
Category Provision of Care	Effective Date September 2012
Manual Clinic Laboratory Procedure Manual	Last Review Date February 2014
Issued By Clinic Laboratory Administration	Next Review Date February 2015
Applicable Clinic Laboratory Staff	Origination Date September 2012
	Retired Date
Review Responsibility Laboratory Technical Consultants	Contact Laboratory Technical Consultants

Clinic Lab Procedure (Pages 1-4) Computer Entry (Pages 5-6)

Purpose/ Principle

This procedure provides instruction for performing collection and computer entry of time of last dose (TLD) information for pain management urine drug screens (Sunquest code DSUPN only). TLD information is gathered only for: codeine, morphine, hydrocodone, hydromorphone, oxycodone, and oxymorphone.

Definitions

<u>Opiates</u>: this term is used to refer to the natural alkaloids found in opium poppy resin, which include morphine and codeine, and the related synthetically-derived drugs, including heroin, hydrocodone, oxycodone, buprenorphine, fentanyl and methadone; may also be referred to as opioids

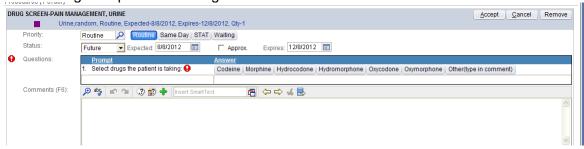
Drug	Alternate Names
Codeine	Tylenol with codeine
Morphine	MS Contin, Oramorph, Avinza, Kadian, Roxanol
Hydrocodone	Vicodin, Vicoprofen
Hydromorphone	Dialudid, Exalgo, Palladone
Oxycodone	Oxycontin, Percocet, Percodan, Roxicodone, Roxicet, Tylox
Oxymorphone	Opana

Specimen Information

Random Urine

Procedure

- 1. Provider Procedure at Order Entry in Epic
 - a. Provider orders Epic 4518, Drug Screen-Pain Management, Urine
 - b. In the test order section "Questions", the provider will be required to answer the prompt "Select drugs the patient is taking"



c. Answer options include one or more of the following: Codeine, Morphine, Hydrocodone, Hydromorphone, Oxycodone, Oxymorphone and None

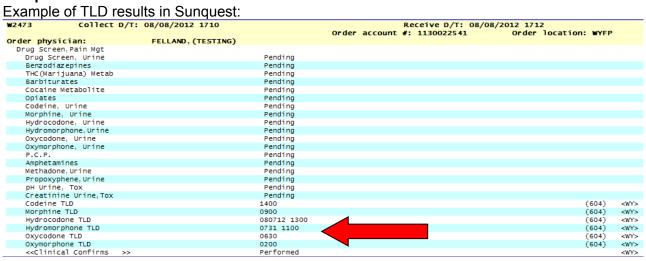


- d. Provider accepts the order (sign and fill).
- 2. Lab staff procedure for TLD information collection
 - a. The lab staff opens the patient's Epic chart and accesses Epic Order Review through the appropriate patient appointment.
 - b. If a "Drug Screen Pain Management" order is present and due for collection, the lab staff member prints two patient Epic labels and attaches one to the urine collection container and one to the Time of Last Dose Patient Worksheet (see attachment).
 - c. The lab staff member selects the pain management drug screen test and scrolls down in the order detail screen to find the "Questions" section.



- d. If the "Answer" to the "Select drugs the patient is taking" question is "None":
 - Write "None" on the Patient Worksheet
 - Skip to Computer Entry Section below
- e. If the "Answer" to the "Select drugs the patient is taking" question lists drug names:
 - The lab staff member circles the corresponding drug name(s) on the Time of Last Dose Patient Worksheet.
- f. The lab staff hands the Patient Worksheet to the patient and instructs him/her to fill in the date and time that he/she last took a dose of each circled drug.
 - If the patient cannot recall the needed TLD information, lab staff writes "NOG" next to the drug name.
- g. After the patient completes and returns the worksheet, the lab staff hands the patient the urine collection container and follows regular urine drug screen collection procedures.
- 3. Lab staff enters TLD information in Sunguest. See "Computer Entry" section below.
- 4. Package the urine specimen for transport to Regions per usual procedure. Include the TLD Patient Worksheet in the outside pocket of the specimen bag.

Interpretations/Results



Example of TLD results in Epic Chart Review

COCAINE METABOLITE	Positive	NEG
Comments:	Positive	NEG
Performed at Regions Hospital		
OPIATES	Negative	NEG
Comments:		
Performed at Regions Hospital		
CODEINE, URINE	Negative	NEG
MORPHINE, URINE	Negative	NEG
HYDROCODONE, URINE	Negative	NEG
HYDROMORPHONE, URINE	Negative	NEG
OXYCODONE, URINE	Negative	NEG
OXYMORPHONE, URINE	Negative	NEG
P.C.P.	Negative	NEG
Comments:		
Performed at Regions Hospital	Negative	
AMPHETAMINES Comments:	Negative	NEG
Performed at Regions Hospital		
METHADONE	Negative	NEG
Comments:		
Performed at Regions Hospital		
PROPOXYPHENE, URINE	Negative	NEG
Comments: Performed at Regions Hospital		
PH URINE, TOX	7.001	
FITORINE, TOX	Performed at Regions Hospital	
CREATININE URINE, TOX	<1.2	mg/dL
Comments:		
Results may be affected due to urine creatin Performed at Regions Hospital	ine <20 mg/dL.	
CODEINE TLD	1400	
MORPHINE TLD	0900	
HYDROCODONE TLD	080712 1300	
HYDROMORPHONE TLD	0731 1100	
OXYCODONE TLD	0630	
OXYCODONE TED OXYMORPHONE TED	0200	
Lab Flowsheet		
Order Details View Encounter	Lab and Collection Details Routing Result History	
Specimen Collected: 08/08/12 5:10 PM	Last Resulted: 08/08/12 5:33 PM	

Related Documents

- Drugs of Abuse Procedure (Urine Screening Only) GHI-PC-CLINIC LAB-Procedures-UA for Drugs of Abuse v.11-2009
- Pain Management Urine Drug Screen Time of Last Dose Process

Author (s)

Original Authors: K. Kaestner & K. Olson

Approved by

Laboratory Medical Director or Designee

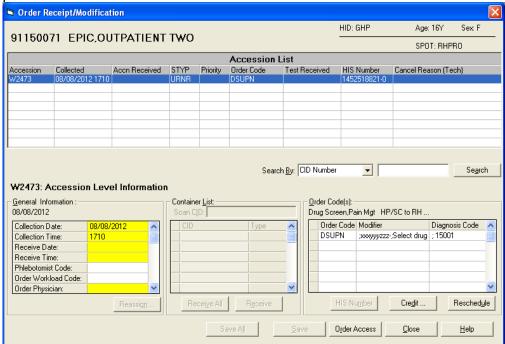
Attachment

• Time of Last Dose Patient Worksheet

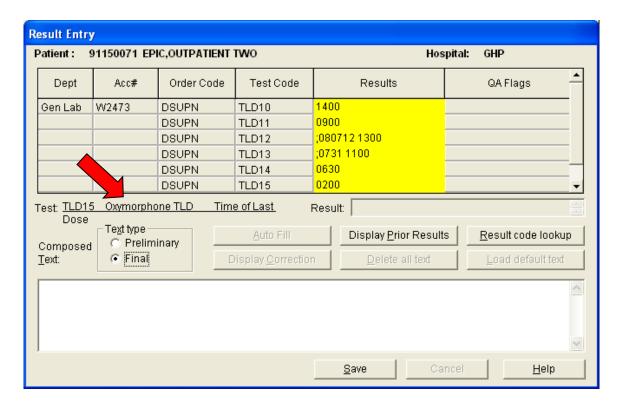
Computer Order and Result Entry

Sunguest ORM Receiving Procedure for Pain Management Drug Screen Orders

- 1. Access Sunquest ORM for the patient per usual procedure.
- 2. In ORM, select the DSUPN Order Code and enter appropriate "General Information" per usual protocol and select "Save"



- 3. In the "Result Entry" screen that appears, the lab staff will be required to enter information for each TLD test code (TLD10-TLD15) in the "Results" column. Options include:
 - a. HIDE: use for drugs not selected by the provider
 - b. NOG: use for drugs selected by the provider but for which the patient was unable to give the required TLD information
 - c. Date and time
 - If drug taken on same date as urine collection, enter time only (ex. 0900 for 9 a.m. today)
 - If drug not taken on same date as urine collection, enter semicolon followed by date and time (ex. ;081512 0900 for August 15, 2012 at 9 a.m.)
 - d. Note that the drug name that corresponds to each TLD test code appears just below the order code.



4. Hit "Save".

Reviewer(s): KOlson KKaestner AKHoward