



HealthPartners/GHI

Subject Pain Management Urine Drug Screen: Time of Last Dose Procedure	Attachments <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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
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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

Opiates: 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”

DRUG SCREEN-PAIN MANAGEMENT, URINE
Urine.random, Routine, Expected-8/8/2012, Expires-12/8/2012, Qty-1

Priority: Routine | Routine | Same Day | STAT | Waiting

Status: Future | Expected: 8/8/2012 | Approx. | Expires: 12/8/2012

Questions:

Prompt	Answer
1. Select drugs the patient is taking:	Codeine Morphine Hydrocodone Hydromorphone Oxycodone Oxymorphone Other(type in comment)

Comments (F6):

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

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1. Select drugs the patient is taking:	Codeine Morphine Hydrocodone Hydromorphone Oxycodone Oxymorphone

Multiple response

- 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.

DRUG SCREEN-PAIN MANAGEMENT, URINE

Status: In process MyChart: Not Released Next appt with me: None Dx: ERRONEOUS ENTRY

[Order Details](#) [View Encounter](#) [Lab and Collection Details](#) [Routing](#) [Result History](#)
 Specimen Collected: 08/08/12 5:10 PM Last Resulted: 08/08/12 5:19 PM

MyChart Status

Inactive

This result is automatically blocked from release to MyChart.

Order

DRUG SCREEN-PAIN MANAGEMENT, URINE [4518] (Order 1452518821)

Patient Information

Patient Name	Sex	DOB #
Epic, Outpatient Two (91150071)	Female	6/1/1996 (16 yr)

Order Information

Date and Time	Department
8/8/2012 5:09 PM	Wy Family Practice

Priority	Class
Routine	Normal

Ordering User	Authorizing Provider
Nicholas, Anne M (29945)	Unknown, Physician, MD (18280)

PCP
Butler, John C, MD (00320)

Associated Diagnoses

ERRONEOUS ENTRY [15001] - Primary

Questions (incl Decision Support where applicable)

Question	Answer	Comment
Select drugs the patient is taking:	Codeine	
	Morphine	
	Hydrocodone	
	Hydromorphone	
	Oxycodone	
	Oxymorphone	



- 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 Sunquest. 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 Sunquest:

Order physician:	FELLAND, (TESTING)	Order account #:	1130022541	Order location:	WYFP
Drug Screen, Pain Mgt	Pending				
Drug Screen, Urine	Pending				
Benzodiazepines	Pending				
THC (Marijuana) Metab	Pending				
Barbiturates	Pending				
Cocaine Metabolite	Pending				
Opiates	Pending				
Codeine, Urine	Pending				
Morphine, Urine	Pending				
Hydrocodone, Urine	Pending				
Hydromorphone, Urine	Pending				
Oxycodone, Urine	Pending				
Oxymorphone, Urine	Pending				
P.C.P.	Pending				
Amphetamines	Pending				
Methadone, Urine	Pending				
Propoxyphene, Urine	Pending				
pH Urine, Tox	Pending				
Creatinine Urine, Tox	Pending				
Codeine TLD	1400		(604)	<WY>	
Morphine TLD	0900		(604)	<WY>	
Hydrocodone TLD	080712 1300		(604)	<WY>	
Hydromorphone TLD	0731 1100		(604)	<WY>	
Oxycodone TLD	0630		(604)	<WY>	
Oxymorphone TLD	0200		(604)	<WY>	
<<Clinical Confirms >>	Performed			<WY>	



Example of TLD results in Epic Chart Review

COCAINE METABOLITE	Positive	A	NEG
Comments: 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			
AMPHETAMINES	Negative		NEG
Comments: 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 Performed at Regions Hospital		
CREATININE URINE,TOX	<1.2		mg/dL
Comments: Results may be affected due to urine creatinine <20 mg/dL. Performed at Regions Hospital			
CODEINE TLD	1400		
MORPHINE TLD	0900		
HYDROCODONE TLD	080712 1300		
HYDROMORPHONE TLD	0731 1100		
OXYCODONE TLD	0630		
OXYMORPHONE TLD	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

Sunquest 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”

Accession	Collected	Accn Received	STYP	Priority	Order Code	Test Received	HIS Number	Cancel Reason (Tech)
W2473	08/08/2012 1710		URNR		DSUPN		1452518821-0	

Search By: CID Number [] Search

W2473: Accession Level Information

General Information:
08/08/2012

Collection Date:	08/08/2012
Collection Time:	1710
Receive Date:	
Receive Time:	
Phlebotomist Code:	
Order Workload Code:	
Order Physician:	

Reassign ...

Container List:
Scan CID: []

CID	Type

Receive All Receive

Order Code(s):
Drug Screen, Pain Mgt HP/SC to RH ...

Order Code	Modifier	Diagnosis Code
DSUPN	:xxxxyyzzz:Select drug	15001

HIS Number Credit ... Reschedule

Save All Save Order Access Close Help

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.

Result Entry

Patient: 91150071 EPIC,OUTPATIENT TWO Hospital: GHP

Dept	Acc#	Order Code	Test Code	Results	QA Flags
Gen Lab	W2473	DSUPN	TLD10	1400	
		DSUPN	TLD11	0900	
		DSUPN	TLD12	;080712 1300	
		DSUPN	TLD13	;0731 1100	
		DSUPN	TLD14	0630	
		DSUPN	TLD15	0200	

Test: TLD15 Oxymorphone TLD Time of Last Dose Result:

Composed Text: Preliminary Final

Buttons: Auto Fill, Display Prior Results, Result code lookup, Display Correction, Delete all text, Load default text

Buttons: Save, Cancel, Help

4. Hit "Save".

Reviewer(s):
 KOlson
 KKaestner
 AKHoward