

§170.306.a: Computerized provider order entry (Inpatient)

Requirement	Requirement Satisfied (Yes/No)	Vendor Response/Submission/Comments
§170.306.a: Computerized provider order entry (Inpatient)		
Provide a unique patient record to be used for the testing of this module only.	Yes	DIAZ,BRIAN
Select Test Data from: - TD170.306.a - 1 - TD170.306.a - 2	Yes	See Below
Provide instructions on how to use the EHR functions to: 1) Select the patient. 2) Enter and store orders for medications, laboratory, and radiology/imaging. 3) Modify orders for medications, laboratory, and radiology/imaging. 4) Retrieve orders for medications, laboratory, and radiology/imaging in an ambulatory setting.	Yes	See Below

Orders Test Data Set 1

TD170.306.a – 1.1: Medication Orders

- 🕒 Zestril (lisinopril) 30 mg tablet by mouth daily
- 🕒 Cefzil (cefprozil) suspension 250 mg by mouth every 12 hours
- 🕒 Colace (docusate) 100 mg capsule by mouth 2 times per day
- 🕒 HydroDiuril (hydrochlorothiazide) 25 mg tablet by mouth 2 times per day
- 🕒 Klor-Con (potassium chloride) 10 mEq tablet by mouth 2 times per day
- 🕒 Gentamicin (gentamicin sulfate) 200 mg intravenous piggy back every 6 hours
- 🕒 Vancomycin (vancomycin hydrochloride) 500 mg intravenous piggy back every 12 hours
- 🕒 Darvocet-N (propoxyphene napsylate and acetaminophen) 100 mg tablet by mouth every 4 hours as needed for pain

The screenshot displays the VistA CPRS interface. A 'Medication Order' window is open, showing a list of medications. The selected medication is 'DARVOCET-N-100 <PROPOXYPHENE 100MG/APAP 650MG TAB >'. The list includes various other medications such as GENTAM, HYDROD, POTASS, CEPHAL, DOCLUSA, LISINOP, GLUCOSE, IRON BLO, CHOLEST, DILANTIN, and DILTIAZEM. The background shows a patient record for 'ANDERSON, JANET' with a provider of 'KING, MATTHEW MICHAEL'. The interface includes a menu bar, a toolbar, and a taskbar at the bottom.

\$170.306.a: Computerized provider order entry (Inpatient)

Active Orders (includes Pending & Recent Activity) - ALL SERVICES

Service	Order	Start / Stop	Provider	Nurse	Clerk	Chart	Status	Location
Lab	SGOT BLOOD SERUM WC ONCE *UNSIGNED*	Start: 06/01/11 06:00	King, M				unreleased	1 East
Lab	GLUCOSE TOLERANCE TEST BLOOD SERUM WC ONCE *UNSIGNED*	Start: TODAY	King, M				unreleased	1 East
Lab	URINALYSIS URINE WC ONCE *UNSIGNED*	Start: TODAY	King, M				unreleased	1 East
Lab	CBC BLOOD WC ONCE *UNSIGNED*	Start: TODAY	King, M				unreleased	1 East
Non-VA Meds	Non-VA ROSIGLITAZONE MALEATE 8MG TAKE ONE TABLET BY MOUTH EVERY 6		King, M				active	1 East
Non-VA Meds	Non-VA FLUTICASON/SALMETEROL 25 INHALE 2 PUFFS INHALATION TWICE A		King, M				active	1 East
Lab	GLUCOSE BLOOD SERUM SP *FASTING LB #102	Start: 05/31/11 13:26	King, M				active	1 East
Lab	HDL BLOOD SERUM SP LB #85	Start: 05/30/11 22:09	King, M				active	1 East
Lab	CHOLESTEROL BLOOD SERUM SP LB	Start: 05/30/11 21:55	King, M				active	1 East
Lab	CHOLESTEROL BLOOD SERUM SP *NONE LB #81	Start: 05/30/11 21:36	King, M				active	1 East
Lab	IRON BLOOD SERUM SP LB #77	Start: 05/30/11 11:59	King, M				active	Dr Office
Lab	LIPID PROFILE BLOOD SERUM SP LB #77	Start: 05/30/11 11:59	King, M				active	Dr Office
Lab	LIPID PROFILE BLOOD SERUM SP ONCE LB #76	Start: 05/18/11 12:49	King, M				active	Dr Office
Lab	LIPID PROFILE BLOOD SERUM SP LB #75	Start: 05/16/11 12:53	King, M				active	Dr Office
Lab	LIPID PROFILE BLOOD SERUM SP ONCE LB #74	Start: 05/16/11 12:42	King, M				active	Dr Office

Electronic Signature Code

OK Cancel

Lab Results

Most Recent

Oldest Previous Collected Next Newest

<< < Jun 15, 2011 17:39 > >>

Most Recent Lab Result

----- MICROBIOLOGY -----

Accession: MICRO 11 9 Received: Jun 15, 2011 17:39
 Collection sample: BLOOD Collection date: Jun 15, 2011 17:39
 Provider: KING, MATTHEW MICHAEL
 Comment on specimen: CANCELLED

Test(s) ordered: BLOOD CULTURE completed: Jun 15, 2011 17:39

§170.306.a: Computerized provider order entry (Inpatient)

- 🕒 Tylenol (acetaminophen) 325 mg tablet by mouth every 4 hours for fever greater than 38.3 C
- 🕒 TD170.306.a – 1.2: Laboratory Orders
- 🕒 Complete Blood Count w/ Differential (CBC), routine
- 🕒 Urinalysis, routine
- 🕒 Glucose Tolerance Test, routine
- 🕒 SGOT in AM
- 🕒 Blood cultures STAT times 3 for temperature greater than 103 F

The screenshot shows the VistA CPRS interface for patient ANDERSON, JANET. A dialog box titled 'Order a Lab Test' is open, showing the configuration for a 'BLOOD CULTURE' test. The 'Collect Sample' is set to 'BLOOD (GENER)', 'Specimen' is 'BLOOD', and 'Urgency' is 'STAT'. The 'Enter order comment' field contains '3 F 103'. The 'Collection Type' is 'Send Patient to Lab', 'Collection Date/Time' is 'TODAY', 'How Often?' is 'ONCE', and 'How Long?' is blank. The dialog also shows 'Accept Order' and 'Quit' buttons.

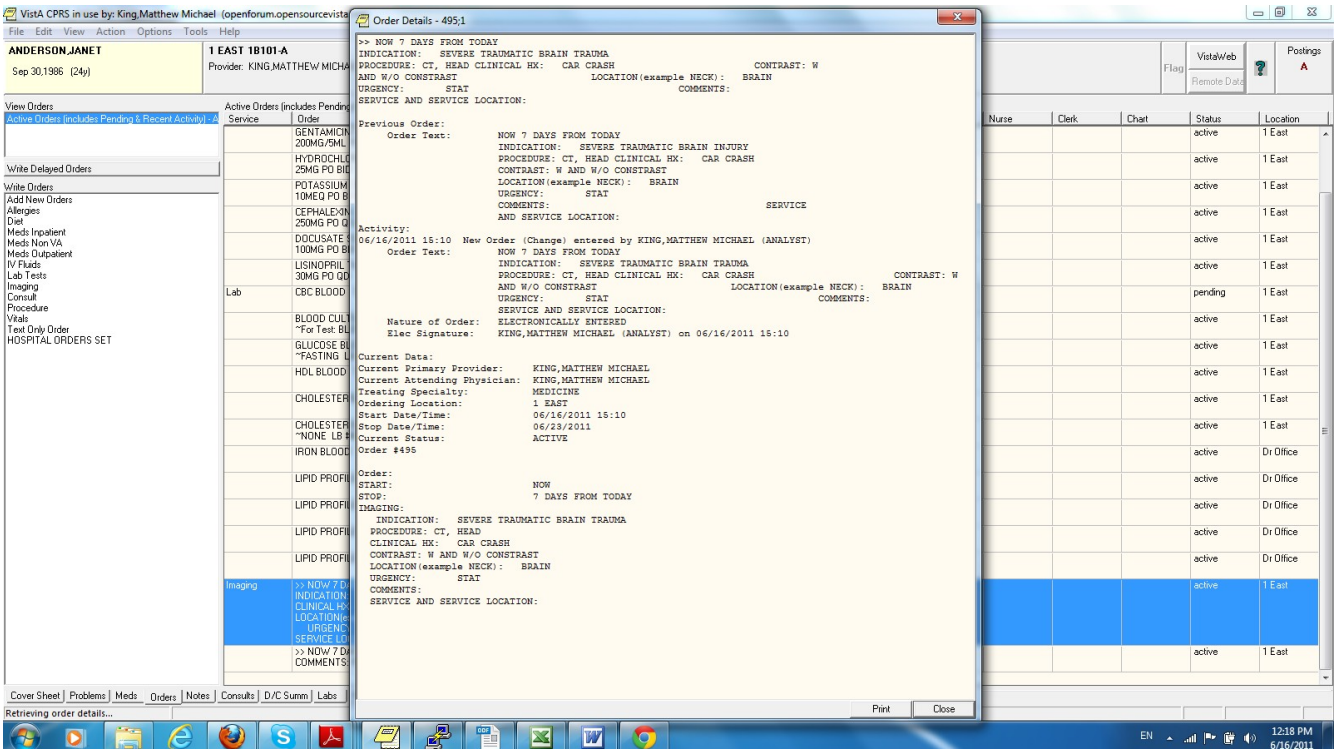
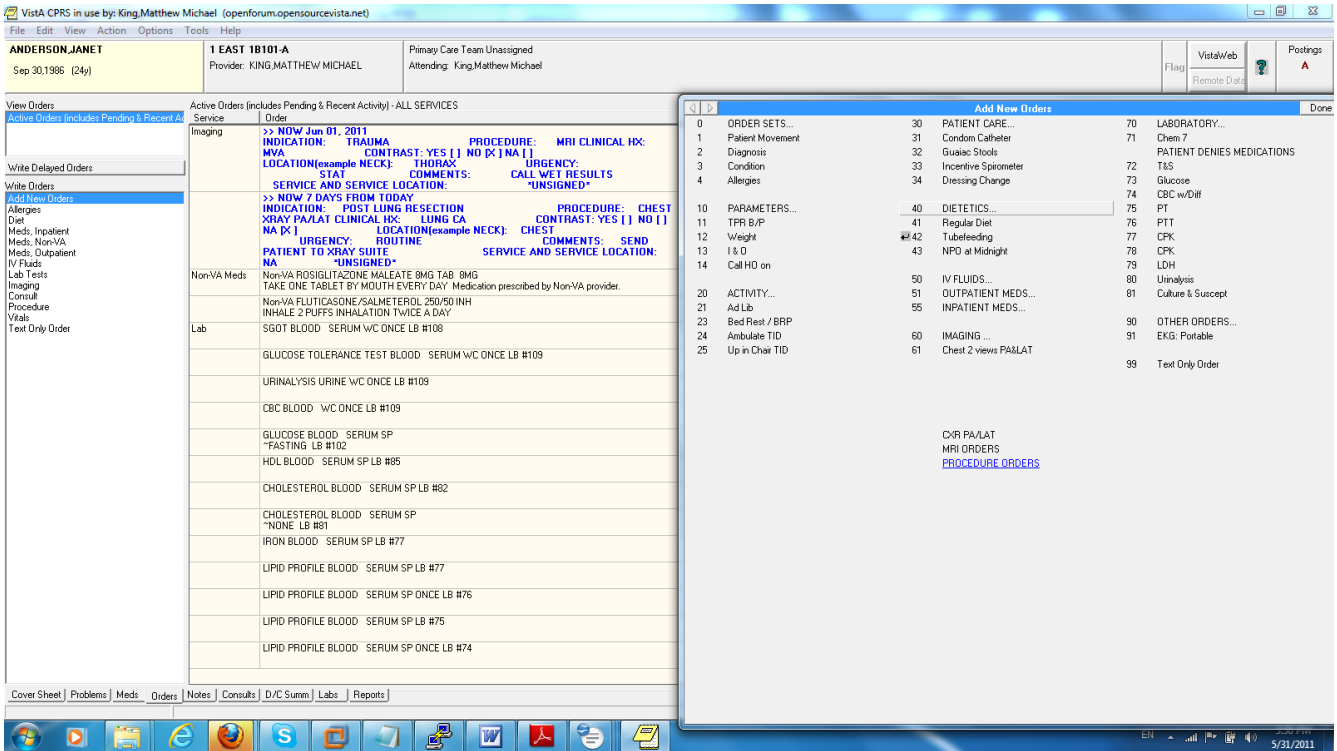
The screenshot shows the VistA CPRS interface displaying a list of active orders for patient ANDERSON, JANET. The orders are listed in a table with columns for Service, Order, Start / Stop, Provider, Nurse, Clerk, Chart, Status, and Location. The orders include various medications and multiple blood culture tests.

Service	Order	Start / Stop	Provider	Nurse	Clerk	Chart	Status	Location
Non-VA Meds	Non-VA FLUTICASONE/SALMETEROL 250/60 INH INHALE 2 PUFFS INHALATION TWICE A DAY		King,M				active	1 East
Inprt. Meds	*PROPOXYPHENE NAPSYLATE 100MG/APAP 650MG 1 TABLET PO Q4H PRN	Start: 06/15/11 17:15 Stop: 06/25/11 24:00	King,M				active	1 East
	GENTAMICIN SULF 40MG/ML INJ SOLN 200MG/ML PO Q8H	Start: 06/15/11 17:15 Stop: 06/25/11 24:00	King,M				active	1 East
	HYDROCHLOROTHIAZIDE 25MG TAB 25MG PO BID	Start: 06/15/11 17:15 Stop: 06/25/11 24:00	King,M				active	1 East
	POTASSIUM CHLORIDE TAB.SA 10MEQ PO BID	Start: 06/15/11 17:15 Stop: 06/25/11 24:00	King,M				active	1 East
	CEPHALOSPORIN 250MG CAP.DRAL 250MG PO Q12H	Start: 06/15/11 17:15 Stop: 06/25/11 24:00	King,M				active	1 East
	DOCUSATE SODIUM 100MG CAP.DRAL 100MG PO BID	Start: 06/15/11 17:15 Stop: 06/25/11 24:00	King,M				active	1 East
	LISINAPRIL TAB 30MG PO QD	Start: 06/15/11 17:15 Stop: 06/25/11 24:00	King,M				active	1 East
Lab	GLUCOSE BLOOD SERUM SP *FASTING LB #102	Start: 05/31/11 13:26	King,M				active	1 East
	HDL BLOOD SERUM SP LB #85	Start: 05/30/11 22:09	King,M				active	1 East
	CHOLESTEROL BLOOD SERUM SP LB #82	Start: 05/30/11 21:55	King,M				active	1 East
	CHOLESTEROL BLOOD SERUM SP *NONE LB #81	Start: 05/30/11 21:36	King,M				active	1 East
	IRON BLOOD SERUM SP LB #77	Start: 05/30/11 11:59	King,M				active	Dr Office
	LIPID PROFILE BLOOD SERUM SP LB #77	Start: 05/30/11 11:59	King,M				active	Dr Office
	LIPID PROFILE BLOOD SERUM SP ONCE LB #76	Start: 05/18/11 12:49	King,M				active	Dr Office
	LIPID PROFILE BLOOD SERUM SP LB #75	Start: 05/16/11 12:53	King,M				active	Dr Office
	LIPID PROFILE BLOOD SERUM SP ONCE LB #74	Start: 05/16/11 12:42	King,M				active	Dr Office

\$170.306.a: Computerized provider order entry (Inpatient)

🕒 Ultrasound of Left Breast, routine, indication follow-up to mammogram

ETC. SIGN TO MAKE ACTIVE.



SHOWS H/O OF ORDER CHANGES.

Orders Test Data Set 2

TD170.306.a – 1.4: Medication Orders

- Warfarin (Coumadin) 3 mg tablet by mouth daily
- Bisacodyl (Dulcolax) 5 mg tablet by mouth daily

§170.306.a: Computerized provider order entry (Inpatient)

7

- Amlodipine (Norvasc) 10 mg tablet by mouth daily
- Cefazolin (Ancef) 2 g IV intravenous piggy back every 8 hours

TD170.306.a – 1.5: Laboratory Orders

- ⌚ Hematocrit and Hemoglobin, routine
- ⌚ Type and cross 2 units whole blood
- ⌚ Prothrombin Time/ International Normalized Ratio (PT/INR), routine

TD170.306.a – 1.6: Radiology/Imaging Orders

- ⌚ X-ray right knee AnteroPosterior (AP) & Lateral, indication: knee pain
- ⌚ MRI abdomen, with contrast, indication: abdominal pain
- ⌚ CT scan kidneys, with contrast, indication: back pain

TD170.306.a – 2: Modify Orders in an Inpatient Setting

Orders Test Data Set 1

TD170.306.a – 2.1: Medication Orders

Discontinue the Zestril order

Modify the Cefzil order from 250 mg every 12 hours to 500 mg every 24 hours

Modify the Colace order from 2 times per day to daily

Modify the Vancomycin order to Vancocin (vancomycin hydrochloride) 250 mg capsule by mouth every 6 hours

TD170.306.a – 2.2: Laboratory Orders

Modify the CBC order from routine to ASAP

Discontinue the Urinalysis order

TD170.306.a – 2.3: Radiology/Imaging Orders

Modify the Chest X-ray PA and Lateral to Chest X-ray PA

Cancel the Ultrasound of Left Breast

Orders Test Data Set 2

TD170.306.a – 2.4: Medication Orders

Modify the Amlodipine (Norvasc) order from 10 mg tablet to 5 mg tablet

Discontinue the cefazolin (Ancef) 2g IV order

TD170.306.a – 2.5: Laboratory Orders

Modify the Type and cross 2 units whole blood to type and cross 2 units packed cells

Modify the Prothrombin Time/ International Normalized Ratio (PT/INR) order from routine to ASAP

TD170.306.a – 2.3: Radiology/Imaging Orders

Modify the X-ray right knee AnteroPosterior (AP) & Lateral order to **left** knee AnteroPosterior (AP) & Lateral

Cancel the CT scan kidneys, with contrast order

TD170.306.a – 3: Retrieve Orders in an Inpatient Setting

Revised Orders Test Data – Set 1

Revised Medication Orders List

- Cefzil (cefprozil) suspension **500** mg by mouth every **24** hours
- Colace (docusate) 100 mg capsule by mouth **daily**
- HydroDiuril (hydrochlorothiazide) 25 mg tablet by mouth 2 times per day
- Klor-Con (potassium chloride) 10 mEq tablet by mouth 2 times per day
- Gentamicin (gentamicin sulfate) 200 mg intravenous piggy back every 6 hours
- **Vancocin (vancomycin hydrochloride) 250 mg capsule by mouth every 6 hours**
- Darvocet-N (propoxyphene napsylate and acetaminophen) 100 mg tablet by mouth every 4 hours as needed for pain
- Tylenol (acetaminophen) 325 mg tablet by mouth every 4 hours for fever greater than 38.3 C

Revised Laboratory Orders List

- Complete Blood Count w/ Differential (CBC), **ASAP**
- Glucose Tolerance Test, routine
- SGOT in AM

§170.306.a: Computerized provider order entry (Inpatient)

• Blood cultures STAT times 3 for temperature greater than 103° F
Revised Radiology/Imaging Orders List

- **Chest X-ray PA**, routine, indication: post-lung resection
- MRI of Thorax without contrast, STAT, indication: trauma
- CT Scan of Brain with and without contrast, ASAP, indication: severe traumatic brain injury
- KUB 1 view, routine

Revised Laboratory Orders List

- Hematocrit and Hemoglobin, routine
- Type and cross 2 units **packed cells**
- Prothrombin Time/ International Normalized Ratio (PT/INR), **ASAP**

Revised Radiology/Imaging Orders List

- X-ray **left** knee AnteroPosterior (AP) & Lateral, indication: knee

CANCEL LABORATORY ORDERS:

Select Unit Dose Medications Option: TEST Test an option not in your menu
Option entry to test: LRCEN

- 1 LRCENDEL Delete entire order or individual tests
- 2 LRCENLKUP Review by order number

CHOOSE 1-2: 1 LRCENDEL Delete entire order or individual tests

ENTER ORDER NUMBER: : (1-9999999999): 143

Order Test Urgency Status Accession
 -Lab Order # 143 Provider: KING,MATTHEW MICHAEL
 BLOOD
 CBC ROUTINE for: 06/15/2011
 ANDERSON,JANET 100-'73
 Change entire order? No// Y (Yes)
 Cancellation Reason: ??

Order Reason	Require E.Signature	Print Chart	Print on Copy	Summary
DUPLICATE TESTS				
REQUESTING PHYSICIAN CANCELLED		x	x	x
INSUFFICIENT SPECIMEN			x	
PATIENT UNAVAILABLE			x	
OTHER CANCEL REASON			x	
SERVICE CORRECTION				
HEMOLYZED SPECIMEN			x	
CLOTTED SPECIMEN			x	

Cancellation Reason: REQUESTING PHYSICIAN CANCELLED

Select NP comment Lab Description screen : CANCELLED

- Choose from:
- L LAB
 - E AP EM
 - S AP SURG
 - C AP CYTO
 - M MICRO
 - G GRAM STAIN
 - F FUNGUS
 - T TB

§170.306.a: Computerized provider order entry (Inpatient)

- P PARASITE
- V VIRUS
- Y SPUTUM SCREEN
- W SMEAR
- A ORDER
- D BB DISP
- R BB TRANS
- X BB TESTING
- Z BB COLLECT
- I AP GENERAL
- J BB AUDIT
- K GENERAL
- B BB RELEASE

Press return to accept the default expansion screens.

Select the Lab Description file expansion screen.
The default expansion screens are GENERAL, ORDER and LAB
You may select addition lab description expansion screens
Press return if you want to only use the default screens

Select Lab Description file screen to be used to expand your NP reason.

Select NP comment Lab Description screen : ??

This describes the type of screen this lab description is associated with, i.e.,
gram stain, hematology, microbiology, accession comments, or smear/prep.
Choose from:

- L LAB
- E AP EM
- S AP SURG
- C AP CYTO
- M MICRO
- G GRAM STAIN
- F FUNGUS
- T TB
- P PARASITE
- V VIRUS
- Y SPUTUM SCREEN
- W SMEAR
- A ORDER
- D BB DISP
- R BB TRANS
- X BB TESTING
- Z BB COLLECT
- I AP GENERAL
- J BB AUDIT
- K GENERAL
- B BB RELEASE

Press return to accept the default expansion screens.

Select the Lab Description file expansion screen.
The default expansion screens are GENERAL, ORDER and LAB
You may select addition lab description expansion screens
Press return if you want to only use the default screens

Select Lab Description file screen to be used to expand your NP reason.

Select NP comment Lab Description screen : ORDER

§170.306.a: Computerized provider order entry (Inpatient)

Not Perform Reason : CANCELLED
(CANCELLED)

Satisfactory Comment ? Yes// YES

ENTER ORDER NUMBER: : (1-9999999999):

LR ACC= ACCESSION AND DATA