

August 2014

This distribution contains change pages for patch MD\*1.0\*29 of the User Manual for the Clinical Procedures Module.

File Name:

MD\_1\_P29\_UM\_CP.PDF

Patch:

MD\*1.0\*29

Patch MD\*1.0\*29 pages:

Replace Pages:

Title page

Revision History

With Pages:

Title page

Revision History

3-24

3-24 (For Summary Tab: Added ICD-10 code and note)

4-2

4-2 (Added ICD-10 code)



# **Clinical Procedures (CP) User Manual**



**Version 1.0**

**May 2008**

**Revised August 2014**

**Department of Veterans Affairs  
Office of Information and Technology (OI&T)  
Product Development**



## Revision History

Description	Date	Author
<sup>1</sup> Patch MD*1.0*29 – Updated for ICD-10 release. Updated Title page Added Revision History pp. i-ii pp. <a href="#">3-24</a> : Updated Summary Tab section to include ICD-10 code and added a note and updated screenshot. pp. <a href="#">4-2</a> : Updated to include ICD-10 code reference.	August 2014	Kathy Krause, VA PM; Michael Klein, HP PM; Dawn Hoff, Tech Writer
<sup>2</sup> Patch MD*1.0*20 released. Updated Figure 10-1, 10-9, and 10-12 with new screen captures to show Procedure description text. Add PCE Data content description in Confirming PCE Data Without Changing Anything section in Chapter 10.	November 2010	Shirley Ackerman
<sup>3</sup> Patch MD*1.0*19 released. Added notes regarding Recent Postings & Infectious Diseases (Chapter 4). Added list of lab tests that display on the Rx and Lab tab (Chapter 5).	March 2009	Alfred Bustamante
<sup>4</sup> Patch MD*1.0*6 released.	May 2008	Alfred Bustamante

---

<sup>1</sup> MD\*1.0\*29 August 2014 ICD-10 Patch 29 release added.

<sup>2</sup> MD\*1.0\*20 November 2010 Patch 20 release added.

<sup>3</sup> MD\*1.0\*19 March 2009 Patch 19 release added.

<sup>4</sup> MD\*1.0\*6 May 2008 Patch 6 release added.



## Post-Treatment Tab

The **Post-Treatment** tab is used to enter vitals, observations, and pain assessment after the dialysis treatment has completed (Figure 3-21). Notes dealing with post-treatment assessment can be entered into the Comments area.

For more detailed information about the Post-Treatment tab, see “Chapter 9: Entering Post-Treatment Information.”

**HEMODIALYSIS v.1.0**

File Options... Assessments Tools Help

**HEMODIALYSIS, PATIENTONE** CP Status: Pending Instrument Data, Appointment/Visit Date/Time have met.  
 666-77-1234 02/01/1934 (73) M Location: PULMONARY CLINIC  
 Station: Vendor ID: unknown Study #: 3308 Current Treatment Date: 5/20/2007

**Post-Treatment Assessment**

**Weight**  
 Post-Weight: 100 Kg  
 Tx Goal Weight: 100 Kg

**Temperature**  
 Temperature: 98.6 F

**Blood Pressure and Pulse**  
 Seated:  
 Systolic: 123 mm Hg  
 Diastolic: 23 mm Hg  
 Pulse: 66 bpm  
 Standing:  
 Systolic: 135 mm Hg  
 Diastolic: 30 mm Hg  
 Pulse: 58 bpm

**Other**  
 Edema: ☒ Yes ☐ No  
 Respirations: 29  
 SOB: ☐ Yes ☒ No

**Mental Status**  
☒ Alert ☐ Unresponsive  
☐ Confused ☐ Lethargic  
☐ Sedated ☐ Restless  
☐ Oriented ☐ 1 ☐ 2 ☐ 3

**Observations**  
 Was the treatment weight achieved?  
☒ Yes ☐ No  
 Was any medication administered?  
☒ Yes ☐ No  
 How did the patient tolerate treatment?  
☐ Vomiting ☐ Hypotension  
☐ Syncope ☐ Cramping  
☒ Stable  
☐ Other - Describe:

**Pain Assessment**

POST-TREATMENT PAIN ASSESSMENT  
 How bad is the pain? 2  
 Where is The Pain Located? <blank>  
 Pain Form? Chronic  
 Pain Treatment? <blank>

Detailed Pain Assessment  
 1. Frequency text: <blank>

**Comments** New... Edit... Delete... View...  
 ▶ 6/11/2007 11:44:03 AM BUSTAMANTE,AL Pz

✓ Cover ✓ Rx and Lab ? Pre-Treatment ? Access ✓ Flowsheet ? Post-Treatment ? Summary Submit

Hines\_DEV @ 9100 3308 Editable BUSTAMANTE,AL ADMIN CP Gateway: Up

Figure 3-1

## Summary Tab

You can enter/view summary information, vascular access monitoring, and billing information about the dialysis treatment on the **Summary** tab (Figure 3-22). Under Billing Information, you can enter associated CPT and ICD-9 or ICD-10 codes, clinical indicators and associate providers with this treatment session. Notes dealing with billing and environmental conditions can be entered into the Comments area.

Note: Upon the ICD-10 activation date, the Patch MD\*1.0\*29 allows the user to add/edit/store ICD-10 diagnosis codes (up to 8 alphanumeric characters including the decimal point that follows the third character) from the CP Hemodialysis Patient Data Page Summary Tab Diagnosis tab window, as well as ICD-9 diagnosis codes, depending on the Current Treatment Date field.

For more detailed information about the Summary tab, see “Chapter 10: Viewing Summary Information.”

**HEMODIALYSIS v.1.0**

File Options... Assessments Tools Help

**HEMODIALYSIS, PATIENT TWO**  
 666-77-2134 01/02/1945 (62) M  
 Station: Vendor ID: unknown

CP Status: Pending Instrument Data, Appointment/Visit Date/Time have met.  
 Location: PFT LAB  
 Study #: 3515 Current Treatment Date: 9/18/2007

Select Save

**Treatment Summary**

Started: 08:00:00  
 Finished: 12:00:00  
 Duration [Instrument]:  
 Duration [Adjusted]: 04:00:00

**Averages and Totals**

Total UF: 5  
 Total LP: 143  
 Mean UFR: 1  
 Mean TMP: 20  
 Average BFR: 400  
 Average DFR: 650  
 Mean Dialysis Temp: 36.5  
 Mean Conductivity: 15  
 Total KT: 74  
 Total KT/V: 1.19  
 URR: 8  
 Estimated Urea Vol: 5

**Vascular Access**

Intra-Access BF: 400  
 VP at Zero BF: 40  
 AV/P at Zero BF: 9  
 VP at 200 ml/min: 80

**PCE Data** Location Providers Procedures Diagnoses Service Confirm

**Location**  
 PFT LAB

**Healthcare Providers**  
 No providers found

**Diagnoses (ICD Codes)**  
 417.1 PULMON ARTERY ANEURYSM Primary  
 417.9 PULMON CIRCULAT DIS NOS

**Procedures (CPT Codes)**  
 S2060 Lobar lung transplantation 1

**Service Connection/Rated Disabilities**  
 Service Connected Condition -- n/a  
 Military Sexual Trauma (MST) -- n/a  
 Agent Orange Exposure -- n/a  
 Ionizing Radiation Exposure -- n/a  
 Head and/or Neck Cancer -- n/a  
 Environmental Contaminants -- n/a  
 Combat Veteran -- n/a

Not reviewed

**Comments** New... Edit... Delete... View...

10/23/2007 9:12:12 AM BUSTAMANTE.AL VP at 200 ml/min not stable during treatment.

Options Reloaded 10.3.29.201 @ 9100 3515 Editable BUSTAMANTE,AL ADMIN CP Gateway: Down

Cover ? Rx and Lab ? Pre-Treatment ? Access Flowsheet ? Post-Treatment Summary Submit

Figure 3-2



## 4. Editing/Viewing Information on the Cover Tab

The **Cover tab** is the first tab you see after selecting a patient. Information on the current treatment along with past treatment information can be found on this tab.

The following information is displayed on the Cover tab:

- Current Treatment Information
- Recent Postings
- Infectious Diseases
- Treatment History

**HEMODIALYSIS v.1.0**  
File Options... Documents Tools Help

**HEMODIALYSIS, PATIENTTHREE** CP Status: Pending Instrument Data. Appointment/Visit Date/Time have met.  
666-71-7654 03/01/1944 (64) F Location: FFT LAB  
Station: Vendor ID: unknown Study #: 3721 Current Treatment Date: 10/6/2008

**Current Treatment** ☒ Read Only

Current Treatment Date: 10/06/2008  
ESRD Diagnosis: 25001 A Type I, juvenile type, ketosis prone diabet  
Diagnosis Date: 04/23/2006  
Initial Therapy Date: 04/23/2007  
Modality: Short Intermittent HD  
Code Status: DNR  
Attending Nephrologist: Bustamante, AL

Visit Schedule: ☒ M ☐ T ☒ W ☐ Th ☒ F ☐ Sa ☐ Su

Transplant Status: ☒ Non-Candidate  
☐ Candidate ☐ Work Up in Progress  
☐ Referred to Transplant Center

**Recent Postings & Infectious Diseases**

**Allergies**  
PHEASANT

**Clinical Warnings**  
None

**Advanced Directives**  
No

**Infectious Diseases**

**Treatment History**

Check In Date	IA BF	APV @ 0	VP @ 0	VP @ 200
08/22/2007				
12/07/2007	6	6	6	6
01/14/2008	7	7	7	7

**Selected 3640 01/14/2008**

Summary ☒ TIU 5513 ☐ TIU 5515 ☒ Results (TIU 5523)

Vital	Pre-	Post-	Duration
BP Seated:	123/23	123/23 mm Hg	Started: 08:00
BP Standing:	123/23	123/23 mm Hg	Finished: 12:00
Pulse Seated:	34	23 BPM	Duration (Instrument):
Pulse Standing:	23	22 BPM	Duration (Adjusted):
Temperature:	98	98.1 F	04:00
Weight:	74	70 Kg	
Goal Weight:		70 Kg	

**Totals and Averages**

Total UF:	7	Mean Dialysis Temp:	7
Total LP:	7	Mean Conductivity:	7
Mean UFR:	7	Total KT/V:	7
Mean TMP:	7	Total KT/V:	7
Average BFR:	7	URR:	7
Average DFR:	7	Estimated Urea Vol:	7

☒ Cover ☒ Rx and Lab ☐ Pre-Treatment ☐ Access ☒ Flowsheet ☐ Post-Treatment ☐ Summary Submit

10.3.29.201 @ 9100 3721 Editable BUSTAMANTE, AL ADMIN CP Gateway: Down

Figure 4-1

### Current Treatment Information

The first time you open a study, the **Read Only** checkbox will be unchecked so you can enter the treatment information. Each time you open the study again, the **Read Only** checkbox will be checked, so you can view the previously entered treatment information. If you want to edit this information, you can uncheck the **Read Only** checkbox and edit the information (Figure 4-2).

**Note:** If you want the Treatment Information to default as Read Only for new studies, ADMIN users can set the “**Set the new study Cover to Read Only**” option to TRUE (Options menu > Preferences > System Preferences > Set the new study Cover to Read Only).

**HEMODIALYSIS v.1.0**

File Options... Documents Tools Help

**HEMODIALYSIS, PATIENTTHREE** CP Status: Pending Instrument Data. Appointment/Visit Date/Time have met.  
 666-71-7654 03/01/1944 (64) F Location: PFT LAB  
 Station: Vendor ID: unknown Study #: 3721 Current Treatment Date: 10/6/2008

**Current Treatment** ☐ Read Only

Current Treatment Date: 10/06/2008  
 ESRD Diagnosis: 25001 A Type I, juvenile type, ketosis prone diabet  
 Diagnosis Date: 04/23/2006  
 Initial Therapy Date: 04/23/2007  
 Modality: Short Intermittent HD  
 Code Status: DNR  
 Attending Nephrologist: Bustamante,AL

Visit Schedule: ☒ M ☐ T ☒ W ☐ Th ☒ F ☐ Sa ☐ Su

Transplant Status: ☒ Non-Candidate ☐ Candidate ☐ Work Up in Progress ☐ Referred to Transplant Center

**Recent Postings & Infectious Diseases**

**Allergies**  
 PHEASANT

**Clinical Warnings**  
 None

**Advanced Directives**  
 No

**Infectious Diseases**

**Treatment History**

Check In Date	IA BF	APV @ 0	VP @ 0	VP @ 200
08/22/2007				
12/07/2007	6	6	6	6
01/14/2008	7	7	7	7

**Selected 3640 01/14/2008**

Summary ☒ TIU 5513 ☐ TIU 5515 ☐ Results (TIU 5523)

Vital	Pre-	Post-	Duration
BP Seated:	123/23	123/23 mm Hg	Started: 08:00
BP Standing:	123/23	123/23 mm Hg	Finished: 12:00
Pulse Seated:	34	23 BPM	Duration (Instrument):
Pulse Standing:	23	22 BPM	04:00
Temperature:	98	98.1 F	Duration (Adjusted):
Weight:	74	70 Kg	
Goal Weight:		70 Kg	

**Totals and Averages**

Total UF:	7	Mean Dialysis Temp:	7
Total LP:	7	Mean Conductivity:	7
Mean UFR:	7	Total KT:	7
Mean TMP:	7	Total KT/V:	7
Average BFR:	7	URR:	7
Average DFR:	7	Estimated Urea Vol:	7

☒ Cover ☒ Rx and Lab ☐ Pre-Treatment ☐ Access ☒ Flowsheet ☐ Post-Treatment ☐ Summary

10.3.29.201 @ 9100 3721 Editable BUSTAMANTE,AL ADMIN CP Gateway: Down

Figure 4-2

Edit the information for the following fields:

**Current Treatment Date:** Select the date of the current treatment (defaults to Check-in date).

**ESRD Diagnosis:** Select the ICD-9 or ICD-10 Code associated with the ESRD diagnosis.

**Diagnosis Date:** Select the date the patient was first diagnosed with ESRD.

**Initial Therapy Date:** Select the date of the first Hemodialysis treatment for this patient.

**Modality:** Select the type of dialysis treatment to be performed. This dropdown list is site configurable for ADMIN users. (See “Customizing Drop-down List Items.”)

**Code Status:** Select either DNR, AD Signed or Full. This dropdown list is site configurable for ADMIN users. (See “Customizing Dropdown List Items.”)

**Attending Nephrologist:** Select the name of the attending Nephrologist. Choose the Nephrologist’s name in one of three ways:

#### Method 1: Find in VistA (Recommended)

**Note:** This method is recommended because the names get pulled from the VistA database. If the provider’s name does not appear in the list, use Method 2 or 3, below.

- Unmark the **Read Only** checkbox.
- Click the **dropdown arrow** to the right of the Attending Nephrologist field. The Select Provider window displays (Figure 4-3).