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EBCD

Evidence-Based Clinical Documentation

Peritoneal Dialysis Documentation

Nursing and ED Module documentation
MEDITECH 5.6.7

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Last updated 5/30/2019

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Overview

The Peritoneal Dialysis (PD) screens aid in standardizing documentation across our hospitals. While facility processes differ and the flow of these screens may vary slightly from your workflow, the questions are available for you to document appropriately.

In scope areas:

- Adult Inpatient Nursing
- Emergency Room

Standalone interventions:

- Nursing: **Peritoneal Dialysis Treatment +**
- EDM: **Peritoneal Dialysis (PERTDIAL (Mnemonic))**

EBCD programming guides the clinicians' workflow through the screens. Collaboration involved some of HCA Healthcare's dialysis programs and partner vendors.

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Viewing Previous Documentation

You can access Clinical Review to view previous documentation by using the **F3** function key without discarding your current documentation.

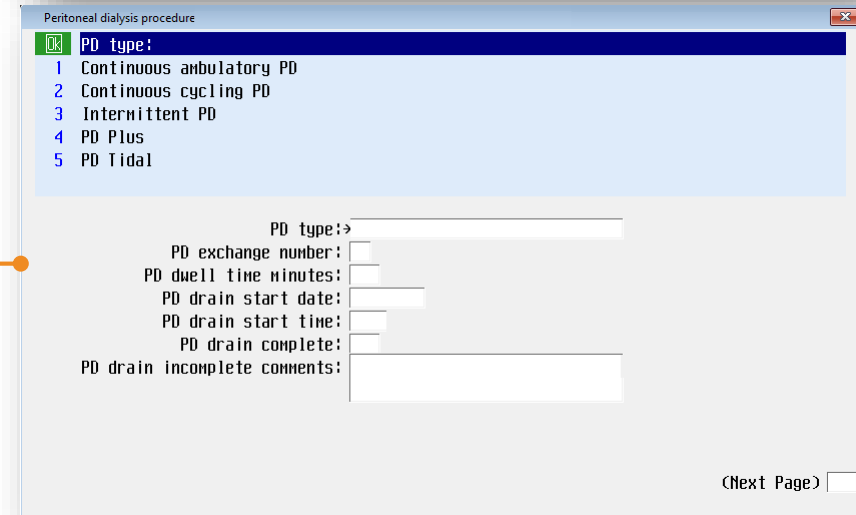
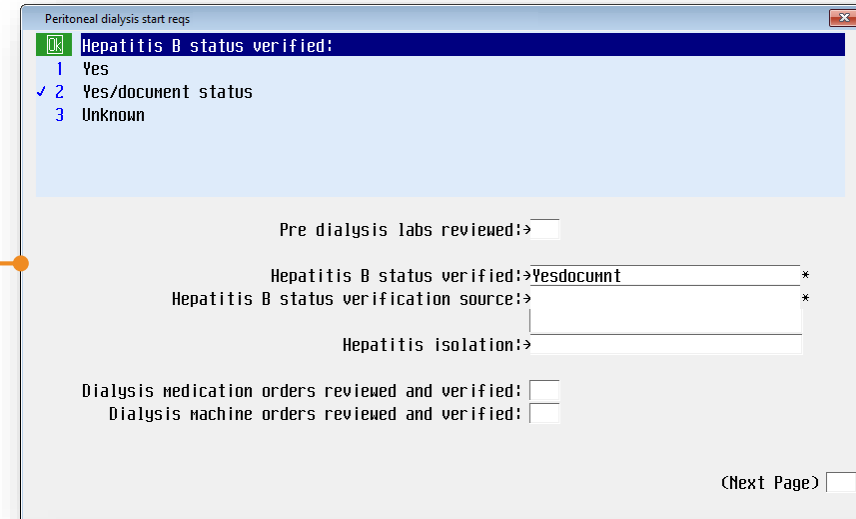
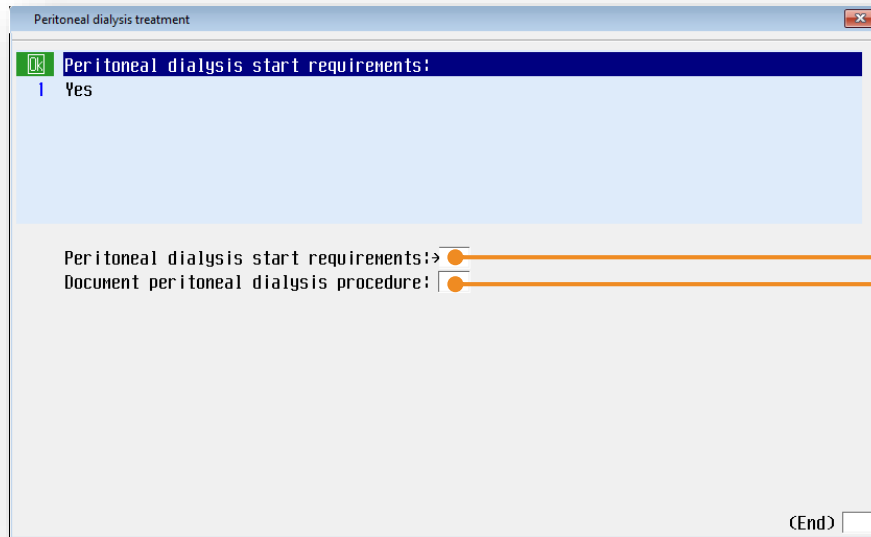
The screenshot shows the 'Clinical Review' window for patient KRAFT, DEMO. The patient's information includes age (64/M), sex (ADM IN), date of birth (J. 1N J. 10/45), height (157.48 cm), weight (60 kg), BMI (24.2 kg/m2), and ID numbers (U/A J000428389/J00021069561). Allergies/ADRs are listed as 'No Known Allergies'. The interface has two tabs: 'Selected Visit' (active) and 'Lifetime Summary'. Below the tabs is a grid of lab test categories: Hematology, Coagulation, Urines, Other Body Source, Miscellaneous, Blood Gas, Chemistry, Toxicology, Immunology, and Serology (selected). A 'Previous Page' and 'Next Page' button are visible. A table shows a result for 'Hep Bs Antibody' as 'POSITIVE' on 'May 13, 19 11:09'. A right-hand sidebar contains a list of menu items: Pt Summary, Problem List, Special Panel, Daily Review, Order History, Vital Signs, I + O, LAB, Microbiology, Blood Bank, Pathology, Medications, Imaging, Other Reports, Notes History, Assessments, Other Menu, Reconcile Meds, More, Less, Other Visits, and Return. At the bottom, there are buttons for PCI, Order, Document, Discharge, Sign, and Return.

Press **Enter** to return to your PD documentation.

Click on a tab above to navigate to the details. (Each tab may contain multiple pages.)

Starting PD Treatment Documentation

The initial screen launches you to start requirements and safety checks and/or document procedural information.



Click on a tab above to navigate to the details. (Each tab may contain multiple pages.)

PD Start Requirements

- A. *Pre dialysis labs reviewed* is a Yes/No answer. Use **F3** to access Clinical Review if needed.
- B. *Hepatitis B status verified* has 3 options. While results are not mandated to be documented for PD, this captures vendor-specific and safety needs for inpatients who may have both hemodialysis and PD during their stay (documentation is shared):
 - **Yes:** results verified but you will not document values.
 - If the result is **Unknown**, a message displays to treat the patient as positive until lab confirms the negative status.
 - **Yes/document status:** a pop screen displays to document results (if required for your process). You can document multiple responses (example positive and susceptible less than 10). Document a verification source **C**.

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PD Start Requirements

Peritoneal dialysis start reqs

Hepatitis isolation:

1	Initiated	Follow facility process for isolation of patients with positive or unknown hepatitis status.
2	Not applicable	

Pre dialysis labs reviewed:

Hepatitis B status verified: *

Hepatitis B status verification source: *

D Hepatitis isolation:

E Dialysis medication orders reviewed and verified:

F Dialysis machine orders reviewed and verified:

(Next Page)

- D. Hepatitis isolation is documented based on your facility process.
- E. Review and verify dialysis medication orders
- F. Review and verify dialysis machine orders if applicable

G. Review and complete the dialysis start requirements.

Click on a tab above to navigate to the details. (Each tab may contain multiple pages.)

Peritoneal dialysis start reqs

Peritoneal dialysis start requirements completed:

1	Yes	Requirements completed prior to initiation of dialysis. Briefing elements: -Pt identified by two identifiers -Verify consent -Verify equipment is ready to use -Hepatitis B status reviewed -Verify complete physician orders present -Correct dialysis access verified -All patient questions/concerns answered
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Peritoneal dialysis start requirements completed:

(Prev Page) (End)

Document PD Procedure

Document peritoneal dialysis procedure:
Yes

Peritoneal dialysis start requirements:→
Document peritoneal dialysis procedure:→Yes

Peritoneal dialysis procedure

PD type:

- ✓ 1 Continuous ambulatory PD
- 2 Continuous cycling PD
- 3 Intermittent PD
- 4 PD Plus
- 5 PD Tidal

A PD type:→Contambula

B PD exchange number: 2

C PD dwell time minutes: 120

PD drain start date: 05/15/19

PD drain start time: 1830

D PD drain complete:→No

E PD drain incomplete comments:→ *

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- A. Document the *PD type*
- B. Document *exchange number* if CAPD was selected in A.
- C. Document the *PD dwell time, drain start date and start time*.
- D. If *PD drain complete* is **No**, enter a comment E.

Click on a tab above to navigate to the details. (Each tab may contain multiple pages.)

Document PD Procedure

- F. The *PD volume out ml* is a calculation query only, it does not flow to the Intake and Output calculation. The *volume in/output* queries are programmed to be the same as the *Dialysis* section on the **Intake and Output (I&O)** documentation.

Peritoneal dialysis procedure

PD volume out ml:

7 8 9 Del
4 5 6
1 2 3
- 0 . Calc

PD volume out is not included in intake and output calculation.

Last documented PD volume out ml:
05/15/19 at 1137 1200 ml

F PD volume out ml: >1100

PD effluent appearance:

PD drain stop date:
PD drain stop time:

PD output comments:

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The yellow info box explains that the *volume in/volume out* queries do not flow to the I&O calculation. It also displays the last filed time and last documented value for this query.

Click on a tab above to navigate to the details. (Each tab may contain multiple pages.)

Document PD Procedure

- G. The *PD effluent appearance* allows multiple responses.
- H. Next, document the *PD drain stop date* and *time* and an optional comment.

The screenshot shows a web form titled "Peritoneal dialysis procedure". At the top, there is a section for "PD effluent appearance:" with a list of 12 checkboxes. Checkboxes 3, 5, and 12 are checked. Below this is a text input field for "PD volume out ml:" with the value "1100". A section labeled "G" contains a text input field for "PD effluent appearance:→" with the values "Cloudy" and "Fibrin" entered. A section labeled "H" contains two text input fields: "PD drain stop date:→" with the value "05/16/19" and "PD drain stop time:→" with the value "2100". Below these is a text input field for "PD output comments:→". At the bottom, there are two buttons: "(Prev Page)" and "(Next Page)".

Click on a tab above to navigate to the details. (Each tab may contain multiple pages.)

Document PD Procedure

- I. Select the dialysate
- J. *PD additives* is a Yes/No response. The additives are documented in eMAR.
- K. Next, document the *PD fill start date, start time, and fill time in minutes.*
- L. If *PD fill complete* is **No**, enter a comment in **M**.

Peritoneal dialysis procedure

PD dialysate:

1	1.5%
2	2.5%
3	4.25%
4	1.5% and 2.5%
✓ 5	1.5% and 4.25%
6	2.5% and 4.25%

I PD dialysate:→1.5and4.25

J PD additives:→Yes

PD fill start date:→05/16/19

K PD fill start time:→2330

PD fill time minutes:→5

L PD fill complete:→No

M PD fill incomplete comments:→*

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Click on a tab above to navigate to the details. (Each tab may contain multiple pages.)

Document PD Procedure

- N. The *PD volume in ml* is a calculation query only

Notice the yellow information box explains that this does not flow to the **intake and output** calculation and it displays the last documented PD volume in ml.

- O. Next, document the *PD fill stop date*, *stop time*, an optional comment and the total number of exchange cycles completed.

Peritoneal dialysis procedure

PD volume in ml:

7 8 9 Del

4 5 6

1 2 3

- 0 . Calc

PD volume in is not included in intake and output calculation.

Last documented PD volume in ml:
05/15/19 at 1137 1500 ml

N PD volume in ml: >1500

O PD fill stop date: >05/15/19
PD fill stop time: >2330
PD fill comments: >

PD total number of exchange cycles completed: >2

PD net negative volume balance ml: []
PD net positive volume balance ml: 290

(Prev Page) [] (End) []

Click on a tab above to navigate to the details. (Each tab may contain multiple pages.)

Document PD Procedure

- P. The PD volume in ml and PD volume out in ml queries can be utilized for calculating the **PD net volume balance** value (this does flow to the I&O calculation) only if BOTH queries are documented in the same session.

Once this net balance calculation is complete, *that* net balance query is not editable or accessible to view the online documentation information *as long as both volume in and volume out queries contain a value.* The *Net Volume Balance* (negative and positive) will flow into I&O and be viewable in Clinical Review.

Click on a tab above to navigate to the details. (Each tab may contain multiple pages.)

Peritoneal dialysis procedure

PD volume in ml:

7	8	9	Del
4	5	6	
1	2	3	
-	0	.	Calc

PD volume in is not included in intake and output calculation.

Last documented PD volume in ml:
05/15/19 at 1137 1500 ml

PD volume in ml: >1500

PD fill stop date: >05/15/19
PD fill stop time: >2330
PD fill comments: >

PD total number of exchange cycles completed: >2

PD net negative volume balance ml:
PD net positive volume balance ml: 290

(Prev Page) (End)

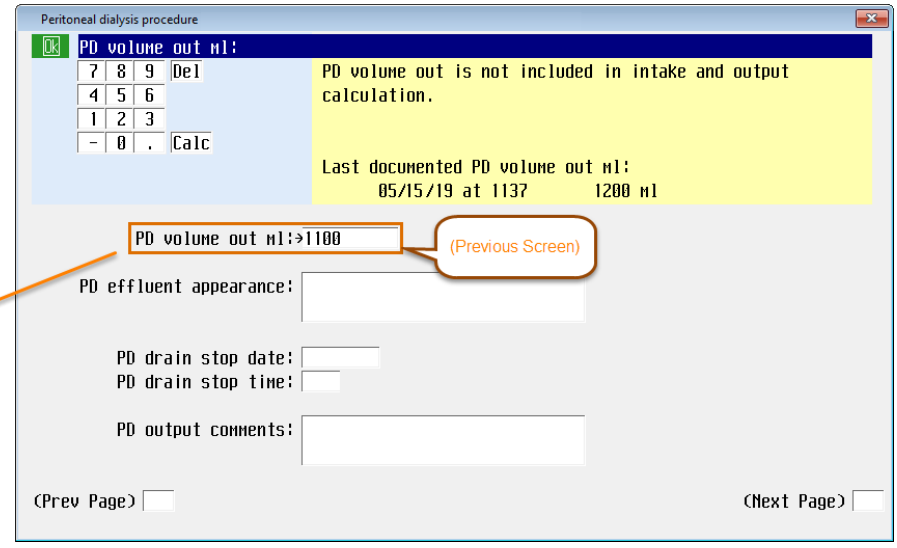
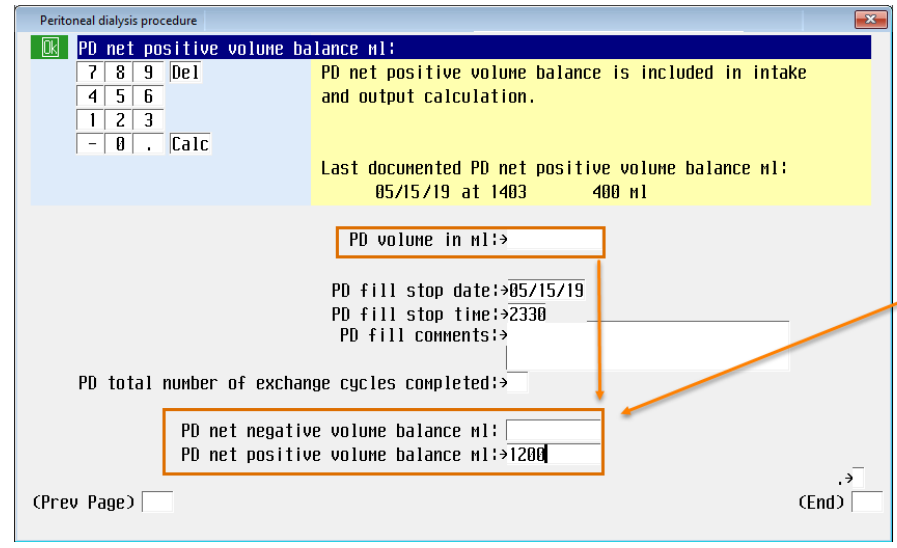
- Q. The screen has a 'hard stop', allowing you to view the volume balance before proceeding and filing this screen.

Document PD Procedure – Net Volume Balance Calculations

The programming allows documentation of either the *volume in* or *volume out* query independently, then allows manual documentation of the *net balance* query in the same session.

NOTE: because of this programming, if values are entered for the *volume in* (A) and the *volume out* queries, the resulting net calculation will remain even if one of those values is deleted as seen below.

If the net balance is not correct the end-user must manually adjust/remove that value.



Click on a tab above to navigate to the details. (Each tab may contain multiple pages.)

Clinical Review

You can view the *Peritoneal Dialysis net negative* or *net positive* calculations within Clinical Review

Click on a tab above to navigate to the details. (Each tab may contain multiple pages.)

The screenshot displays the 'Clinical Review' window for a patient named DEMO. The patient's demographic information includes age (64/M), date of birth (05/05/55), and admission status (ADM IN). Physical characteristics listed are height (162.56 cm), weight (86 kg), and BMI (32.5 kg/m2). Allergies/ADRs are noted as 'No Known Allergies'. The interface features a navigation menu on the right with options like 'Pt Summary', 'Problem List', 'Special Panel', 'Daily Review', 'Order History', 'Vital Signs', 'I + O', 'LAB', 'Microbiology', 'Blood Bank', 'Pathology', 'Medications', 'Imaging', 'Other Reports', 'Notes History', 'Assessments', 'Other Menu', 'Reconcile Meds', 'More', 'Less', 'Other Visits', and 'Return'. The main area shows a table for 'I + O' data from May 08 to May 13, 07:00. The table includes rows for Total Intake, Total Output, Fluid Balance, and various intake/output types (Oral, IV, Peritoneal Di..., Urine, Drainage, Bowel Movements, Weight). The 'I + O' tab is currently selected.

	May 13 07:00	May 12 07:00	May 11 07:00	May 10 07:00	May 09 07:00	May 08 07:00
Total Intake	400					
Total Output	150					
Fluid Balance	250					
I: Oral						
I: IV						
I: Peritoneal Di...	400					
O: Urine						
O: Drainage						
O: Peritoneal Di...	150					
# Bowel Movements						
Weight (kg)	86.000					
Weight Measureme...	See Dtl					

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