

Dialysis Updates Go-Live 12-05-2023

MEDITECH EBCD Update

EHR

2024.1

Update

Dialysis Updates

The dialysis screens have been updated to confirm the dialysis treatment orders have been executed. These changes also allow for improved safety to assess for trends in patients and to assess the patients' lines during treatment.

Hemodialysis Dialysis Updates

The screenshot displays two overlapping windows of the Hemodialysis Machine/Safety interface. The top window shows a message: "Dialysis medication orders reviewed, verified and implemented as ordered:" with a "Yes" response and a yellow instruction box: "Verify orders to include concentrations of potassium, calcium, bicarbonate, and sodium; hypotension treatment and/or pre-medications needed." Below this are fields for "Pre dialysis labs reviewed:", "HD hepatitis B status verified:", "HD hepatitis B status verification source:", and "HD hepatitis B isolation:". A red box highlights the message: "Dialysis medication orders reviewed, verified and implemented as ordered:". The bottom window shows a similar message: "Dialysis machine orders reviewed, verified and implemented as ordered:" with a "Yes" response and a yellow instruction box: "Verify orders for machine settings to include dialysis duration, UF goal, dialyzer, blood flow rate, dialysate flow rate, and dialysate temperature." It also has the same hepatitis B status fields. A red box highlights the message: "Dialysis machine orders reviewed, verified and implemented as ordered:". Navigation buttons for "(Prev Page)" and "(Next Page)" are visible at the bottom.

Dialysis medication orders reviewed and verified has been changed to Dialysis medication orders reviewed, verified and implemented as ordered.

Dialysis machine orders reviewed and verified has been changed to Dialysis machine orders reviewed, verified and implemented as ordered.



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Hemodialysis #1

HD ultrafiltration removal ml 1:

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

HD time 1: 0842
 HD blood pressure 1: >
 HD pulse 1: >
 HD blood flow rate ml/min 1: >
 HD dialysate flow rate ml/min 1: >
 HD ultrafiltration rate ml/hr 1: >
 HD arterial pressure mmHg 1: >
 HD venous pressure mmHg 1: >
 HD transmembrane pressure mmHg 1: >
HD ultrafiltration removal ml 1: >
 HD access visible and lines secured 1: >
 HD intra-treatment comments 1: >

(End)

HD ultrafiltration removal ml # is a new field and utilizes the keypad function.

This field has the ability to have negative numbers and decimal points.

This is not shared with the Intake and Output calculation.

Note: This field is only available for HD intra-treatment but affects HD #1 through 5.

Hemodialysis #1

HD access visible and lines secured 1:

1 Yes

HD time 1: 0842
 HD blood pressure 1: >
 HD pulse 1: >
 HD blood flow rate ml/min 1: >
 HD dialysate flow rate ml/min 1: >
 HD ultrafiltration rate ml/hr 1: >
 HD arterial pressure mmHg 1: >
 HD venous pressure mmHg 1: >
 HD transmembrane pressure mmHg 1: >
 HD ultrafiltration removal ml 1: >
HD access visible and lines secured 1: >
 HD intra-treatment comments 1: >

(End)

HD access visible and secured has changed to HD access visible and lines secured.

Note: This field is only available for HD intra-treatment but affects HD #1 through 5.

Peritoneal Dialysis Updates

Peritoneal Dialysis Start Reqs

Dialysis machine orders reviewed, verified and implemented as ordered:

1 Yes

Pre dialysis labs reviewed: >
 PD hepatitis B status verified: >
 PD hepatitis B status verification source: >
 PD hepatitis isolation: >
Dialysis medication orders reviewed, verified and implemented as ordered: >
 Dialysis machine orders reviewed, verified and implemented as ordered: >

(Next Page)

Dialysis medication orders reviewed and verified has been changed to Dialysis medication orders reviewed, verified and implemented as ordered.

Peritoneal Dialysis Start Req

Dialysis medication orders reviewed, verified and implemented as ordered:
 | Yes

Pre dialysis labs reviewed:>

PD hepatitis B status verified: *

PD hepatitis B status verification source:

PD hepatitis isolation:

Dialysis medication orders reviewed, verified and implemented as ordered:>

Dialysis machine orders reviewed, verified and implemented as ordered:>

(Next Page)

Dialysis machine orders reviewed and verified has been changed to Dialysis machine orders reviewed, verified and implemented as ordered.

SLED/SCUF Updates

SLED/SCUF

SLED/SCUF medication orders reviewed, verified and implemented as ordered:
 | Yes Verify orders to include concentrations of potassium, calcium, bicarbonate, and sodium; hypotension treatment and/or pre-medications needed.

Pre SLED/SCUF labs reviewed:>

SLED/SCUF hepatitis B status verified: *

SLED/SCUF hepatitis B status verification source:

SLED/SCUF hepatitis isolation:

SLED/SCUF medication orders reviewed, verified and implemented as ordered:>

SLED/SCUF machine orders reviewed, verified and implemented as ordered:

(Prev Page)

SLED/SCUF

SLED/SCUF machine orders reviewed, verified and implemented as ordered:
 | Yes Verify orders for machine settings to include dialysis duration, UF goal, dialyzer, blood flow rate, dialysate flow rate, and dialysate temperature.

Pre SLED/SCUF labs reviewed:>

SLED/SCUF hepatitis B status verified: *

SLED/SCUF hepatitis B status verification source:

SLED/SCUF hepatitis isolation:

SLED/SCUF medication orders reviewed, verified and implemented as ordered:>

SLED/SCUF machine orders reviewed, verified and implemented as ordered:>

(Prev Page) (Next Page)

SLED/SCUF medication orders reviewed and verified has been changed to SLED/SCUF medication orders reviewed, verified and implemented as ordered.

SLED/SCUF machine orders reviewed and verified has been changed to SLED/SCUF machine orders reviewed, verified and implemented as ordered.

SLED/SCUF

SLED/SCUF access visible and lines secured:

1 Yes

SLED/SCUF blood flow rate ml/min:

SLED dialysate flow rate ml/min:

SLED/SCUF ultrafiltration rate ml/hr:

SLED/SCUF arterial pressure mmHg:

SLED/SCUF venous pressure mmHg:

SLED/SCUF transmembrane pressure mmHg:

SLED/SCUF access visible and lines secured:*

(Prev Page) (Next Page)

SLED/SCUF access visible and secured has changed to SLED/SCUF access visible and lines secured.

SLED/SCUF

SLED/SCUF treatment status:

1 Access failure 7 Recirculating

2 Blood returned 8 Resume treatment

3 Emergency return 9 Routine filter change

4 Filter clotted

5 **New order implemented**

6 No blood returned

SLED/SCUF status: *

SLED/SCUF treatment type: *

SLED/SCUF treatment start date: *

SLED/SCUF treatment start time: *

SLED/SCUF therapy start weight kg:

SLED/SCUF treatment status:*

SLED/SCUF filter change date:

SLED/SCUF filter change time:

(Next Page)

SLED/SCUF treatment status has a new, multi-select response:

- New order implemented