



**NEPHROLOGY PROGRAM
DEPARTMENT POLICIES AND PROCEDURES**

**Hemodialysis - Section 10 - Gambro Artis - Neph 10-08
Use of the Prescription Card with the Gambro Artis Hemodialysis Machine
No.: 01232 (TOH Standardized Policy Number)**

ISSUED BY:

Hemodialysis Clinical Practice Committee

DATE OF APPROVAL:

N/A

APPROVED BY:

Nephrology Steering Committee

LAST REVIEW/REVISION DATE:

2014/04

CATEGORY:

Gambro Artis

IMPLEMENTATION DATE:

2011/09

PURPOSE:

- The use of patient Prescription Cards is useful in minimizing errors in prescription entry for the dialysis treatment

BACKGROUND STATEMENTS:

- Patient Prescription cards are available for use with regularly scheduled outpatients
- These cards are to be reused after being erased
- The cards are to be stored in the patients black box
- The card should be identified with the patients name and MRN using labeling until such time that photo ID's can be developed for the cards. This label should then be removed and the card erased and used for another patient
- The patient cards can only be programmed before or after a treatment (or on a spare machine)

DEFINITION(S): N/A

ALERTS: N/A

PROCEDURE:

Section A: Loading of new pt prescription to the data card

1. Press the 'Prescription Navpad' button to enter the prescription screen
2. Press the 'Pt. Card Edit' button, a sub-screen opens. If the card was previously used by another patient, it must be erased before continuing see Section D
3. Press 'New card' button- a confirmation window opens, press confirm to continue
4. Press 'Pt ID' button and enter the patients MRN #
5. Press 'Pt Name' button and enter patient's first name(s) as it appears in NephroCare
6. Press 'Pt Surname' button and enter patient's surname as it appears in NephroCare
7. Enter the treatment parameters from the dialysis orders

- Scroll down and enter all the treatment parameters
- For heparin free, choose 'none' in the heparin field
- When programming heparin, program the initial dose of heparin in the "**initial dose** field." Do not enter in the bolus field as the 'bolus' is not administered to the patient at the beginning of the run
- Change the BP alarm limits to reflect our program standard (note: the presets in the card program are different from the presets in the machine and must be changed)

	Upper Sys	Lower Sys	Upper Dia	Lower Dia	Pulse High	Pulse Low
High	180	110	90	60	100	50

- Enter the distribution volume settings if using HemoControl
 - a. Select Distribution Formula , select Watson and confirm
 - b. Enter patient's height (this can be found in NephroCare under Nutrition\Nutrition Guidelines. Round off the number
 - c. Enter the DW as per the R191
 - d. Obtain age from personal screen
 - Hemocontrol orders can be programmed onto the card. Refer to policy [Neph 10-07 \(# 01159\)](#) Hemocontrol with the Gambro Artis (Section A - Programming Hemocontrol on the patient card)
 - Select Hemoscan, select yes , and re-set the alarm to -10, or an appropriate level if the patient's Hemoscan trigger point is known to you
8. Press save and a confirmation window will appear instructing you to place an empty card near the Card Reader. A new confirmation window will appear asking you to confirm that the prescription was saved on the Patient Card
 9. Scan the card a second time and validate the prescription, then confirm

Section B: Transferring pt prescription from the pt ID card to the Artis machine

1. Press the 'Prescription NavPad' to enter the prescription screen
2. Place the card near the Card Reader on the right side of the machine
3. The 'Prescription Review' screen will open
 - a. Confirm patient identity by name, MRN #, photo ID in NephroCare. If no Photo ID, confirm by asking date of birth
 - b. Verify prescription parameters by comparing to the pre-checked R-191 or directly to the Hemodialysis orders in NephroCare

4. If all parameters are correct, press the 'confirm' button in the 'Prescription Review' screen
5. If all parameters are not correct:
 - a. User may confirm the prescription, and then proceed to section C to immediately modify the card, save changes. The user must then re-scan the card to enter the new prescription into the machine, verify and confirm
 - b. User may confirm and then change the parameter in the main program screen, and modify the card later on another machine or at the end of treatment
6. On the main prescription screen, the only parameter to be entered and confirmed is the UF volume

Note: if assignment changes and another patient is going on a pre-programmed machine, simply scan the new patient's card into the machine, verify order parameters and confirm

Section C: Modification of an existing pt Card

1. Press the 'Prescription NavPad' to enter the prescription screen
2. Press the 'Pt Card Edit' button and a sub-screen will appear. On this sub-screen press the 'Modify Card' button and a confirmation window will open
3. As prompted by the confirmation window, place the card near the Card Reader. All data from the card is loaded and displayed on the 'Patient Card Edit' sub-screen
4. Modify the parameters
5. Press '**save**' a confirmation window opens prompting the user to place the card near the Card Reader, then press confirm
6. If using card for this treatment, the new prescription must be rescanned into the machine a second time, validate the prescription, then confirm. If this is not done, the machine will run the previous prescription as you changed the card only

Section D: Erasing an existing card

1. Press the 'Prescription NavPad' to enter the prescription screen
2. Press the 'Pt Card Edit' button and a sub-screen will appear. On this sub-screen press the 'Erase Card' button and a confirmation window will open
3. As prompted by the confirmation window, place the card near the Card Reader. The patient ID information will appear with the message that all data will be erased- Press 'confirm'
4. You will then be prompted to place the card near the Card Reader again, a message will appear saying that the card has been erased, press confirm

RELATED POLICIES / LEGISLATION:

1. Nephrology Policies and Procedures - [Hemodialysis - Section 10 - Gambro Artis - Neph 10-07 Hemocontrol with the Gambro Artis](#)

REFERENCES:

1. Gambro Artis User Manual, 2012 Code OP_9032935900_OC Rev. /

COMMENTS / SIGNIFICANT REVISIONS: N/A

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