

Rancho Los Amigos National Rehabilitation Center DEPARTMENT OF NURSING ADMINISTRATIVE POLICY AND PROCEDURE

SUBJECT: Hemodialysis: Routine Procedures for

Hemodialysis Treatments

Policy: A190.8

Effective Date: July 3, 2023

Page 1 of 2

PURPOSE: To outline the responsibilities and routine procedures that must be completed by the hemodialysis nurse during dialysis treatments

POLICY STATEMENTS:

All patients receiving Hemodialysis (HD) treatment will receive the following routine procedures

PROCEDURE:

- 1. The responsibilities of the HD nurse include the following:
 - Perform hand hygiene and don PPE
 - Assess hemodialysis access
 - Obtain and record vital signs at beginning of HD treatment and as ordered
 - Perform subjective and objective assessments at beginning and throughout procedure
 - Treat patient's pain as needed and ordered
 - · Weight measured before and after HD treatment and as indicated by nephrologist
 - Venipuncture will be done as necessary for the dialysis procedure
 - Normal saline will be administered I.V. to maintain a systolic blood pressure normal or to prevent symptoms as needed. If normal saline is not effective, the MD may order other medication or oncotic fluids (e.g. albumin or packed Red Blood Cells as indicated) to improve patient's blood pressure
 - Blood will be drawn for laboratory testing as ordered
 - At the conclusion of the hemodialysis procedure, vital signs, and weight will be repeated (when feasible)
 - Document all HD treatment and related interventions in Electronic Medical Record **Keynote:** All HD machinery will be monitored throughout the treatments by the hemodialysis nurse

2. Weight Measurement and Ultrafiltration

• Per nephrologist orders

SUBJECT: Hemodialysis: Routine procedures for Hemodialysis Policy: A190.8

Treatments

Page: 2 of 2

References:

Association for the Advancement of the Medical Instrument. Dialysis: A Complex Modality for Life. Retrieved 5/26/23

Association for the Advancement of the Medical Instrument. *Sterilization Central: Water Quality in medical device Processing: The power of prevention.* Retrieved 5/26/23.

Association for the Advancement of the Medical Instrument: ISO 23500 Series: *Ensuring Quality of Fluids for Hemodialysis and Related Therapies*

Association for the Advancement of the Medical Instrument: The Microbial World and Fluids in Dialysis

CDC. Recommendations for Preventing Transmission of Infections among Chronic Hemodialysis Patients.

Fresenius Medical Care. Operator's Manual 2008T Machine Operator's Manual P/N 490122 Rev Z

Lippincott Procedure. Hemodialysis Patient Assessment Retrieved 5/26/23.

Los Angeles General Medical Center. Policy Hemodialysis Unit, Unit Structure Standards. Emergency Disconnect Procedure, Addendum H. Last revised 04/2020

Olive View Medical Center Department of Nephrology Policy and Procedure. Policy Number 11772, revised 07/03/23.

Rancho Los Amigos Infection Prevention and Control Policy number IC100

Rancho Los Amigos Policy C109-Transfusion of Blood Products and Colloid Solution

Written By: Myla Maranan DNP, RN, CNML; Victoria Alvarenga MSN, RN, CNS, CRRN; Christopher Andaya RN, BSN, Dialysis Nurse, Anitha Joseph-Varughese RN, MSN

New 03/2023