

HARBOR-UCLA MEDICAL CENTER

SUBJECT: COORDINATING APHERESIS SERVICES

POLICY NO. 317C

PURPOSE:

Therapeutic apheresis services (plasma exchange, RBC exchange transfusions, leukapheresis, and plateletpheresis) are available at Harbor-UCLA Medical Center for inpatients (24-hours/7 days) and outpatients (Monday – Friday, 9am-5pm).

DEFINITION:

Therapeutic apheresis: A procedure that is performed with the goal of removing pathologic molecules or cells from a patient’s peripheral circulation. The term encompasses several therapeutic modalities, including plasma exchange, red blood cell (RBC) exchange transfusion, leukapheresis, and plateletpheresis.

POLICY:

1. **Inpatients:** Therapeutic apheresis may be performed by Hemodialysis (HD) Registered Nurses (HD RNs), Hemotherapy/Blood Donor Center (HT/BDC) ambulatory RNs, or vendor RNs.
2. **Outpatients:** Therapeutic apheresis is performed by Harbor-UCLA Medical Center (HUMC) HT/BDC RNs or vendor RNs in the HT/Blood Donor Center Clinic.
3. HD RNs may perform plasma exchange only; they are not able to perform RBC exchange transfusions, leukapheresis, or plateletpheresis.

PROCEDURE:

1) Inpatient Apheresis

- a. Therapeutic Apheresis/Transfusion Medicine Service (TA/TMS)/ Nephrology:
 - i. Receives consultation request for inpatient apheresis.
 - ii. Reviews patient, clinical indication, and creates a plan.
 - iii. Notifies Nursing:
 1. **During Business Hours:** An email will be distributed to Nursing Leadership which includes, but is not limited to, HD Unit Manager and HT/BDC Nurse Manager.
 2. **Weekend/Off Hours:** Notification will be made by a call to House Supervisor (HS) for coordination of services with HD/BDC staff or outside vendor.
- b. Nursing Leadership (HD Unit Manager and/or HT/BDC Nurse Manager):
 - i. Determines availability of HUMC RN. Notifies TA/TMS/Nephrology of which RN will

EFFECTIVE DATE: 9/19

SUPERSEDES:

REVISED:

REVIEWED: 9/19

REVIEWED COMMITTEE: Blood and Tissue Utilization Comm.

APPROVED BY:


 Kim McKenzie, RN, MSN, CPHQ
 Chief Executive Officer


 Anish Mahajan, MD
 Chief Medical Officer


 Nancy Blake, PhD, RN, NEA-BC, FAAN
 Chief Nursing Officer

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perform the procedure.

1. If NO HUMC RN is able to perform the procedure, then the TA/TMS/Nephrology shall ask HS/PFF to request vendor services.

c. TA/TMS/Nephrology:

- i. Places orders:
 1. In the electronic medical record and paper orders (if needed).
 2. Calls Blood Bank to prepare blood products (if needed).
- ii. Obtains Informed Consent for the procedure from the patient.
- iii. Follows the status of venous access (central line) placement (if needed).
- iv. When **Ici-iii** are complete, contacts the performing RN to inform that patient is ready:
 1. If BDC RN or HD RN, can contact RN directly.
 2. If vendor RN is being requested, brings Vendor Form to House Supervisor (HS) Office. HS will call the vendor once the form is complete.

2) Outpatient Apheresis

a. Therapeutic Apheresis/Transfusion Medicine Service:

- i. Receives request for outpatient apheresis.
- i. Creates proposed schedule.
- ii. Notifies BDC RN Managers of schedule.

b. BDC RN Manager:

- i. Receives proposed schedule.
- ii. Reviews entire BDC schedule and determines feasibility.
- iii. Notifies TA/TMS that the schedule is approved or proposes an alternate schedule. Notifies TA/TMS if vendor will need to be called.

c. TA/TMS:

- i. Reviews BDC RN feedback.
- ii. Approves final schedule with notification to BDC RN Managers.
- iii. Places orders for pre-procedure labs.
- iv. Notifies HS/PFF if vendor RN will be needed, and what time the outpatient apheresis is scheduled.

d. BDC RN Manager:

- i. Creates appointment for patient.
- ii. Notifies patient when to come (including for pre-procedure labs).
- iii. Logs patient appointments in the BDC schedule (viewable in the Sign-Out folder).

3) Schedule Changes for Outpatient Apheresis:

a. When BDC RN Managers must change schedule:

- i. Notify TA/TMS of change.
- ii. TA/TMS will review and approve, or proposes an alternate schedule.
- iii. Process **2d** as above.

b. If TM/TAS changes schedule:

- i. Notify BDC RNs of change and proposal for alternate schedule.
- ii. Processes **2b-2d**, as above.