

13.0 Clinical Apheresis Services

Contact Information:

To initiate a contract or to inquire about procedures or services, please contact:

Clinical Apheresis Services
10 Medical Pkwy Unit 3
Farmers Branch, TX 75234
Phone: (972) 788-0650

Pamela Malvern, BSN,RN,CNN
Manager, Clinical Apheresis
Cell: (817) 716-3622
pmalvern@carterbloodcare.org

Christopher Edmond BSN, RN, QIA
Manager, Clinical Apheresis
Cell: (682) 381-3512
ccedmond@carterbloodcare.org

To schedule a therapeutic procedure 24/7, please call: (972) 788-0650
For granulocyte orders 24/7, please call pager: (817) 482-9446

13.1 Therapeutic Apheresis Services

Carter BloodCare provides mobile therapeutic apheresis procedures throughout the north Texas area, including Dallas/Ft Worth. This service is provided for hospitals that do not have apheresis programs, but also may serve as a back-up program for hospitals that do provide apheresis services but need assistance for rarely performed procedures or may require back-up in the event that hospital staff are not available to perform the procedures. A written physician order must be received by the Clinical Apheresis Services staff prior to the first procedure.

Carter BloodCare's therapeutic apheresis staff includes Registered Nurses and/or Hemapheresis Practitioners certified through the American Society of Clinical Pathologists, (ASCP) and apheresis technicians. All are trained in Basic Life Support/CPR (Cardiac Pulmonary Resuscitation).

All services listed below are provided by the Clinical Services department.

- Peripheral blood stem cell collection (processing and storage provided by Carter BloodCare stem cell laboratory if needed)
- Therapeutic Apheresis Procedures
 - Plasmapheresis/Therapeutic Plasma Exchange (TPE)
 - Cell depletion or exchange
 - Red cell exchange
 - Leukoreduction
 - Platelet depletion
 - Photopheresis
 - Inpatient Therapeutic Phlebotomy
 - Granulocyte Collection

13.2 Diseases which may be treated by Apheresis

Plasmapheresis/Therapeutic Plasma Exchange (TPE)

- Bone marrow recipient receiving ABO incompatible marrow
- Chronic Inflammatory Demyelinating Polyneuropathy (CIDP)
- Eaton-Lambert Syndrome
- Goodpasture Syndrome
- Guillain-Barré Syndrome
- Hemolytic Uremic Syndrome
- Hyperviscosity Syndromes
- Multiple Myeloma (High Protein Load)
- Myasthenia Gravis
- Paraproteinemia (High Protein Load)
- Post -Transfusion Purpura
- Refsum Disease
- Thrombotic Thrombocytopenic Purpura
- Waldenstrom Macroglobulinemia
- Other situations, as determined after consultation with Carter BloodCare's medical staff

Cell Depletion or Exchange

- Sickle Cell Anemia:
 - Pre-operative
 - Refractory pain crisis
 - Acute chest syndrome
 - Priapism
- Acute leukemia with severe leukocytosis
- Essential thrombocythemia
- Severe Malaria or Babesiosis
- Life-threatening hemolysis from incompatible blood transfusion

Photopheresis

- Cutaneous T-cell Lymphoma, refractory to other therapies
- Mycosis Fungoides
- Sezary Syndrome
- Chronic Graft Versus Host Disease (hematopoietic stem cell transplant recipient)
- Cellular allograft rejection (lung or heart)
- Scleroderma (progressive systemic sclerosis), in some cases
- Rheumatoid Arthritis

13.3 Contract/Privileges

NOTE: Due to regulatory considerations, a current, signed therapeutic apheresis services contract is required to initiate these services.

If a signed contract is not in place, emergency privileges must be established for professional staff performing the procedures. A signed contract will be initiated as soon as possible.

13.4 Emergency Privileges

For emergency privileges several items must be completed prior to the procedure. A physician must agree to sponsor the professional staff. A facility administrator must give verbal approval for the procedure to be performed and provide basic billing information. To initiate emergency privileges, please contact Clinical Apheresis or a Carter BloodCare physician as soon as possible.

13.5 Granulocyte Orders

To initiate a granulocyte order, please use pager number (817) 482-9446. Once approval has been obtained from the CBC Medical Director, document all required information in the "Patient Information" and "Hospital Information" section of Form RTF205.13A must be submitted to the Reference and Transfusion Services Department before donors can be collected. (See Section 10.0 Crossmatch Services Procedures.)