



**American
Red Cross**

Therapeutic Apheresis Services



The American Red Cross offers a comprehensive menu of clinical apheresis services for adult and pediatric patients, supporting hospitals through our responsiveness, national network, and commitment to patient satisfaction.

The Red Cross performs approximately 12,000 lifesaving Therapeutic Apheresis procedures each year allowing our hospital partners to offer continuity of care and convenience to their patients. These lifesaving treatments are used to remove pathological substances found in patients' blood who suffer from autoimmune, neurologic, hematologic, oncologic, metabolic, and infectious disorders.

The Red Cross Apheresis Program Offers:

- Convenient inpatient and outpatient services
- On-call services with credentialed apheresis RNs available 24/7 for routine and emergent patient needs based on medical necessity
- Board-certified Transfusion Medicine physicians available 24/7 for clinical consultations
- Spectra Optia apheresis technology

Commonly Treated Diseases	Therapeutic Apheresis Services Provided
Thrombotic Thrombocytopenia Purpura (TTP) Myasthenia Gravis Guillain Barré Syndrome Chronic inflammatory demyelinating polyradiculoneuropathy Anti-glomerular basement membrane disease Focal segmental glomerulosclerosis (FSGS), recurrent in renal allograft Desensitization	Plasmapheresis (therapeutic plasma exchange, TPE)
Sickle Cell Disease (prophylactic or symptomatic)	Red Blood Cell Exchange (RBC exchange)
Graft vs. Host Disease (GVHD) Cutaneous T-cell Lymphoma Bronchiolitis obliterans syndrome, status post lung transplantation Cellular rejection, status post heart transplantation	Extracorporeal Photopheresis (ECP)
Hyperleukocytosis with leukostasis	Leukocytapheresis (WBC reduction)
Symptomatic thrombocytosis	Thrombocytapheresis (platelet reduction)
Hereditary hemochromatosis Polycythemia vera	Erythrocytapheresis (RBC reduction)

To learn more visit: [RedCrossBlood.org/ClinicalApheresisServices](https://www.RedCrossBlood.org/ClinicalApheresisServices)