

## Blood Banking/Transfusion Medicine Fellowship

### Educational Goals

The program is designed to provide extensive training of the highest quality targeted at the following three main objectives: 1) to educate a physician who is considered to be a specialist and expert in transfusion medicine in the management of patients requiring various blood component therapy and therapeutic apheresis; 2) to develop a physician who is a specialist in blood banking with regards to blood donor eligibility and processing; and, 3) to develop the physician as a researcher and trainer. The primary vehicle to accomplishing these goals will be practice-based learning by direct involvement in patient management. Fellow responsibilities fall under the areas listed below:

1. **Patient care:** Under the direct supervision of the Transfusion Medicine Faculty, the Fellow is responsible, in a graduated fashion, for
  - a. All transfusion and therapeutic apheresis related issues at Parkland, Zale Lipshy University Hospital, Children's Medical Center and The Aston Ambulatory Care Center. The Fellow will be responsible for evaluation of all the requests for therapeutic apheresis, both inpatient (Parkland, Zale and CMC) and outpatient.
  - b. Patient Rounds on these patients with residents/medical students and attending
  - c. Stem cell transplantation at CMC and Zale.
2. **Academic aspects:** Fellow will participate in various clinical discussions and conditions requiring the latest in the medical literature. This exercise should produce a physician who
  - a. Is familiar with apheresis and blood banking techniques and equipment.
  - b. Is knowledgeable with the etiology and features of situations/diseases particular to Transfusion Medicine. Fellow should be able to develop an appropriate diagnosis management.
  - c. Is thoroughly knowledgeable in hemostasis and is able to advise clinicians on appropriate component therapies including clotting factor concentrates, WinRho, recombinant FVIIa, etc.
  - d. Is knowledgeable with the clinical outcomes of treatments and alternative therapies
  - e. Possesses the skills necessary for effective teaching and communications with primary care and referring physicians regarding all aspects of diagnosis and management of Transfusion Medicine diseases.
  - f. Possesses the skills and desire to effectively impart this knowledge in a teaching and presentation related environment.