

Transfusion Medicine/Hemostasis and Thrombosis	
3 months	
<i>Skill level I (First 1-2 months)</i>	Competency Fulfilled
Serologic Testing (MK) Demonstrates a working understanding of tests used in the transfusion service by successfully completing a course on serologic testing under the supervision of technical staff and passing quiz.	
Component Therapy (MK, SBP) Demonstrates a working understanding of the uses and indications for various blood components and demonstrates ability to properly conduct Blood Utilization Review.	
Blood Administration (PC, MK, ICS, SBP) Demonstrates a working understanding of the policies and procedures used in the administration of blood and completes three Direct Observations of Transfusions.	
Adverse Consequences of Transfusion (PC, MK, IPC) Has a working knowledge of infectious and non-infectious complications of transfusion and is able to independently direct routine transfusion reaction workups, complete the evaluation, and communicate the findings to the clinical team.	
Hemostasis Monitoring (PC) Demonstrates a working knowledge of the use and interpretation of common coagulation tests used in the diagnosis and management of hemostatic and thrombotic disorders.	
<i>Skill level II (3^d month)</i>	Competency Fulfilled
Complex Reporting (PC, MK, ICS) Demonstrates ability to workup and report out complex transfusion and coagulation problems (e.g., certain difficult transfusion reactions, platelet refractory workups, complex serologic problems, Heparin induced Thrombocytopenia, etc)	
Complex Clinical Consultations (PC, MK, ICS) Working with the transfusion service attending, resident demonstrates ability to consult and helps manage patients with complex medical problems (e.g., organ and bone marrow transplants, platelet refractory patients, ECMO, obstetric hemorrhage, inherited disorders of coagulation, heparin induced thrombocytopenia, etc.)	
Massive Transfusion Protocol (PC, MK, ICS, PBL, SBP) Functions independently, managing patients with massive hemorrhage using appropriate laboratory monitoring and selection of blood components appropriate to the situation.	
Management of Donor Reactions (PC, MK, ICS) Demonstrates ability to correctly diagnose and understands management of adverse reactions to blood donation.	