Transfusion Medicine Rotation:

General Information:
On your first day, please report to H-1402 (300 Pasteur Drive) at 8:00am and meet with Kerry Keating. She will give you a red orientation folder.

Responsibilities:
The goal of this rotation is for the trainee to attain proficiency in managing medical issues related to a hospital based transfusion service, including selection of appropriate products, pre-transfusion testing, and evaluation of transfusion-related complications. Additionally, the trainee will acquire a firm background in immunohematology, blood inventory management, and in the principles of safety, quality assurance, and record keeping. The trainee will understand the principles and practices of a medical directorship of a clinical pathology laboratory, including oversight of operational, technical, and quality personnel. Similarly, the trainee will understand the principles and be able to deal with issues related to blood collection, preparation, storage, and shipment.

-Trainees should be present in the Transfusion Service from 8:00am – 5:00pm. The daytime on-call begins at 8:00am, accompanied by an official hand-off from the night call trainee. This hand-off is documented on the TM hand-off form which also functions as the rounding worksheet, signed off daily by the on-service faculty member. A 5:00pm hand-off to the night coverage similarly ensues. Daily attending rounds start at 10:00am, during which the following items are reviewed:
  a. Problems from the night call
  b. Blood Component inventory including RBCs, platelets, and plasma products
  c. Special requests such as HLA/crossmatched platelets.
  d. Transfusion reactions
  e. Special antibody work ups, and or ABO discrepancies
- The trainee will meet with the Transfusion Service Director and/or the Blood Center to review the objectives of the rotations.
- The trainee will actively assist with inventory management and provide clinical consultation in patients with extraordinary needs (e.g., massive transfusion protocol in trauma, surgery, or obstetrical emergencies; coagulopathic bleeding; bloodless medicine patients; and nonstandard protocol in patients with alloantibody problems who require substantial blood support).
- The trainee will attend and participate in a weekly conference (Fridays at 12 PM) during which weekly on-call transfusion/blood center issues will be presented.
- The trainees will keep a portfolio of all transfusion and blood case, in which he or she was involved. Each case summary will include a brief description, the resolution, and the alternative therapy providing a brief review of the related literature.
- The trainee will present a blood bank related seminar during the rotation for the Blood Bank technologists. Topic may be one suggested/requested by the techs. This may be presented in shifts during the day of the last week of each monthly rotation.
- At Friday-noon CP on call-interesting case conference, the trainee will present a case report of one of the interesting cases that appeared during the rotation on transfusion service/Blood center.
- The trainee will be encouraged to write up a case report during the rotation of one of the interesting cases that appeared during that time, including recent literature support for the
-The trainee will attend all Transfusion Service/Blood Center supervisors meeting, QA and Quality Committee meetings.

**Manner of Supervision and Evaluation:**
The transfusion medicine physician on service will meet with the trainees daily to review assigned topics in order to verify that the resident is progressing in his or her understanding of transfusion medicine. All interpretations, conclusions, and consultative opinions will be verified with the director for education prior to posting in the chart or final communication with the clinical staff.
The trainees will be evaluated by the director for education, with input from the Medical Directors from both the Blood Center and the Transfusion Service and with input from the laboratory supervisors and manager. This evaluation will be documented in the standard evaluation form used throughout the program. In addition, feedback is continuous throughout the duration of the rotation.

**Weekly Schedule:**
8:00am, Monday-Friday: On-Site TS Coverage
9:00am, Monday-Friday: TS Work Rounds
10:00-12:00pm, Monday-Friday: TS Attending Rounds
11:00-12:00pm, 4th Monday of Month: TS Management Meeting
2:00-3:00pm, 2nd Monday of Month: TS Quality Meeting
1:30-2:30pm, 4th Tuesday of Month: TS Executive Meeting
12:00-1:00pm, Wednesday: Hematology Noon Conference, Cancer Center
12:00-1:00pm, Thursday: CP Lecture Series
1:30-2:30pm, Thursday: Resident Didactic at Stanford Blood Center
12:00-1:00pm, Friday: CP/TS Call Conference
1:00-2:30pm, 2nd Friday of Month: SBC Monthly Meeting

**Useful Contacts:**
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