

Joe Arrington Cancer Center

Responsible Person: Dr. Donald Quick and Program Director, Associate Program Director

REQUIRED/ELECTIVE rotation

Overall:

On this rotation, second year fellows will spend 3 months of the year and third year fellows will spend two consecutive months at the Joe Arrington Cancer Center (JACC) where they will concentrate on the evaluation and management of patients with benign and malignant hematology disorders.

Educational Purpose:

A) To provide a varied and comprehensive experience in general and consultative hematology. B) To provide a sophisticated and comprehensive experience in the diagnosis and management of hematologic malignancies.

C) To provide experience in the diagnosis and management of oncologic emergencies.

Principal Teaching Methods:

Fellows will handle hematology consults, both benign and malignant. This will include consults from both medical and non-medical services. Fellows will also do clinic with the hematology attendings in the morning and round in the afternoons. Teaching rounds, bedside presentation and discussion, conferences, direct supervision of bone marrow aspiration and biopsy procedures, literature review, microscopic review of case materials and experience in the methodology and interpretation of laboratory-based testing.

It is expected that fellows will provide brief lectures to the hematology team weekly on patients seen.

Educational Content: Exposure to all aspects of adult hematology both congenital and acquired coagulation disorders, thrombosis, the diagnosis and management of cytopenias and elevated blood counts and the evaluation of patients with gammopathies. Detailed study of peripheral blood and bone marrow morphology, the laboratory evaluation of coagulation disorders, flow cytometry and cytogenetics are included. Exposure to the pathogenesis and biology of myeloid and lymphoid malignancies and exposure to all aspects of hematologic malignancies requiring hospital-based therapies.

Procedures: Bone marrow aspiration and biopsy, chemotherapy infusion, intrathecal chemotherapy administration.

Supervision: All aspects of the fellows' clinical activities and training are supervised by the outpatient and inpatient attending physician.

Objectives:

1. Learn the molecular basis, natural history, clinical presentations, diagnosis, prognosis, and therapeutic approach to both benign and malignant hematological disorders by attending inpatient rounds, clinics, conferences and reading as directed below.

2. Develop skills to achieve and demonstrate competence in the following competencies: