

HEM 352 : Hematology-Oncology Block

In this course students will learn how to review hematopoiesis and red cell structure, function and metabolism, describe the pathophysiology, clinical features, diagnostic workup and management of red and white cell disorders, bleeding disorders and thrombophilias, diseases of spleen and thymus, interpret the clinical and laboratory information to understand and classify different types of anemia ,describe the mechanisms of hemostasis and thrombosis and correlate it with the interpretation of coagulation tests and the role of coagulants and anticoagulants in the treatment of various diseases, discuss the basis of blood grouping and blood transfusion and perform blood grouping and identify the different types of stem cell transplant currently available and the indications for SCT.

Credits 2

Prerequisite Courses

END 231

REP 232

POD 233

NEU 241

HNS 242

Co-Requisite Courses

CVP 351

MSI 361