Module Description

This module will familiarize the student with the principles, limitations, and interpretation of certain clinical diagnostic procedures; provide a quantitative basis for understanding nutritional therapy protocols; and emphasize the biochemical mechanisms of specific disease states. Topics shall discuss the basic principles of quantitative analyses that are utilized in common clinical laboratory tests. Hence, an introduction to interpretation of abnormal clinical laboratory values is presented. Besides, quantitative aspects of nutrition are also explained, and diagnostic values of various hormone levels and pathological-marker proteins are thoroughly described.