

PTH 362 : Parenteral Therapy

This course will introduce the students to parenteral routes of drug administration, including; Intramuscular, Intravenous, Intra-arterial, Intra-cardiac, Intra-theal, Intradermal (Intra-cutaneous) and Subcutaneous route (Hypodermic). Topics such as intravenous admixture preparation, compatibility of parenteral products, hazardous drugs and radiopharmaceuticals preparations will be covered. This course will also focus on the clinical aspects of enteral feeding and parenteral nutrition therapy. The practical sessions of the course will enable the student to prepare individualized sterile medications, suitable for specific patient needs; containing the prescribed ingredients in the correct amounts, free from microbial and pyrogenic contaminants as well as undesirable levels of particulate or other toxic contaminants. Product stability, compatibility, labelling, and storage according to the principles of good drug quality control will be emphasized. This course will be highly dependent on mathematical and pharmaceutical knowledge the students acquired in previous courses to make this service feasible and efficient.

Credits 2

Prerequisite Courses

CAL 351

Corequisites

None