

DIT 472 : Drug information and evidence-based practice

This course will provide the students with the necessary knowledge to build their skills required to search, retrieve, interpret, and disseminate drug information in the most efficient and effective manner with special focus on patient and medication safety using the suitable databases. This course will teach the student the critical appraisal of drug literature, randomized clinical trials, systematic reviews with meta-analyses, clinical service literature, and quality assessment and improvement techniques. The students will learn how to balance individual patient care with population-based assessment of pharmacotherapy outcomes. The student will learn that evidence-based practice requires screening, evaluating and implementing evidence from the rapidly evolving medical literature. They will learn also how data are summarized into evidence reports and clinical guidelines and learn about the limitations of this process. In this course students will use published evidence/practice to identify targets for quality improvement, to formulate the best strategies for identifying high-risk patients, and to evaluate patient outcomes.

Credits 3