



Jordan University of Science and Technology
Faculty of Pharmacy
Pharmacy Department

PHAR694 Clinical Training: Surgery

Summer Semester 2019-2020

Course Catalog

4 Credit Hours. This clinical training clerkship was established to prepare students to practice as clinical pharmacist in the surgical ward and guide them in the provision of a proper knowledge base in the field of surgery, which includes the preoperative, intraoperative and postoperative management of the medications used by surgical patients. This course consists of 4 training weeks in surgery departments. The training includes various activities such as attending the morning round, other clinical rounds, discussing clinical cases and detailed evaluation of the therapeutics of patients in the department.

Text Book

Title	Pharmacotherapy principle and practice
Author(s)	Marie Chisholm-Burns et al
Edition	3rd Edition
Short Name	Ref # 1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref # 2	Pharmacotherapy: A Pathophysiologic Approach	J. Dipiro, R. Talbert et al	9th Edition	

Instructor

Name	Dr. Samah Al-Shatnawi
Office Location	M5 L-4
Office Hours	Sun : 10:15 - 12:15 Mon : 10:00 - 11:00 Tue : 10:00 - 12:00 Thu : 10:30 - 11:30
Email	sfshatnawi@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: Sun, Mon, Tue, Wed : -
Room: HOSPITAL

Section 2:
Lecture Time: Sun, Mon, Tue, Wed : -
Room: HOSPITAL

Section 3:
Lecture Time: Sun, Mon, Tue, Wed : -
Room: HOSPITAL

Section 4:
Lecture Time: Sun, Mon, Tue, Wed : -
Room: HOSPITAL

Section 5:
Lecture Time: Sun, Mon, Tue, Wed : -
Room: HOSPITAL

Section 6:
Lecture Time: Sun, Mon, Tue, Wed : -
Room: HOSPITAL

Tentative List of Topics Covered

Weeks	Topic	References
Weeks 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14	Antimicrobial Prophylaxis In Surgery ,Complications occurring in the post anesthesia care unit ,Management of postoperative pain, DVT prophylaxis, Perioperative Medication managements, Management of anticoagulation before and after surgery, Perioperative management of diabetes mellitus, Acute arterial occlusion of the lower extremities (chronic limb ischemia),Surgical management of severe obesity, The surgical patient taking glucocorticoids, Complications of bariatric surgery, Diabetic infections of lower extremities, Surgeries in the treatment of hyperthyroidism, hydatid cyst, splenectomy, ERCP, pancreatitis, Laparoscopic cholecystectomy	From Ref # 1 , From Ref # 2

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Set up appropriate, individualized pharmaceutical care plans [1SO1.1, 1SO2.1]	20%	
Identify, prevent and solve potential drug-related problems through the monitoring of basic pharmacokinetic and pharmacodynamic parameters. [1SO1.1, 1SO2.1, 1SO3.1]	25%	
Solve and evaluate current drug therapy information from the literature and make recommendations utilizing evidence-based medicine. [1SO1.1, 1SO2.1, 1SO3.4, 1SO3.6, 1SO4.4]	30%	
Interpret Laboratory results and optimize pharmaceutical care plan accordingly [1SO1.1, 1SO2.1, 1SO3.1, 1SO3.4, 1SO3.6]	15%	
Counsel and educate patients and/or caregivers on the appropriate use of medications [1SO3.2, 1SO3.4, 1SO3.6, 1SO4.4]	10%	

Relationship to Program Student Outcomes (Out of 100%)														
SO1.1	SO2.1	SO3.2	SO3.3	SO2.2	SO2.3	SO2.4	SO3.1	SO3.4	SO3.5	SO3.6	SO4.1	SO4.2	SO4.3	SO4.4
27.33	27.33	2.50					11.33	11.50		11.50				8.50

Policy	
Attendance	According to the JUST policy: JUST policy requires the faculty member to assign ZERO grade (35) if a student misses 10% of the classes that are not excused. If you miss class, it is your responsibility to find out about any announcements or assignments you may have missed.
Cheating	Prohibited; and in case of cheating the student will be subject to punishment according to the standard JUST policy. The commitment of the acts of cheating and deceit such as copying during examinations, altering examinations for re-grade, plagiarism of homework assignments, and in any way representing the work of others as your own is dishonest and will not be tolerated. Standard JUST policy will be applied المادة 7 : إذا ضُبط الطالب أثناء الامتحان أو الاختبار متلبسا بالغش فتوقع عليه العقوبات التالية مجتمعة: أ- اعتباره راسبا في ذلك الامتحان أو الاختبار. ب- الغاء تسجيله في بقية المساقات المسجل لها في ذلك الفصل. ج- فصله من الجامعة لمدة فصل دراسي واحد، و هو الفصل التالي للفصل الذي ضبط فيه.

Date Printed: 2020-09-24