Module (Course Syllabus) Catalogue

2024-2025

College/ Institute	Bachelor's degree	
Department	Physiotherapy	
Module Name	Physiotherapy for surgical condition	
Module Code		
Semester	8th semester	
Credits	6 ECTS	
Module type	Prerequisite ☐ Core ■ Assist. ☐	
Weekly hours		
Weekly hours (Theory)	(2)hr Class	(2)hr Workload
Weekly hours (Practical)	(2)hr Class	(4)hr Workload
Lecturer (Theory)	Lecturer Dr. Samih kakamam Hassan	
E-Mail& Mobile NO.	dr.alkalhurir@epu.edu.iq	
Lecturer (Practical)	Masood abdullah husssein	
E-Mail & Mobile NO.	Masood.abdullah@epu.edu.iq 07504539113	

Course Book

Course Description	At the end of this course, the students should be able to: This course serves as a foundation for other nursing courses of the programme. It is designed to provide students with the knowledge of basic surgical principles and theory, and nursing skills needed for practising nursing. The course emphasises the unique nature of client's needs and importance of holistic nursing care. Recognize the basic concepts of orthopaedic pathology. Site standardized assessment tools and instruments for patient with musculoskeletal disorders. Recognize and interpret different clinical and radiological investigations for different musculoskeletal disorders Produce a professional physical therapist with particular skills in evaluating different radiological findings.
Course objectives	At the end of this course, the students should be able to: Understand the types and complication of surgery Develop a rehabilitation program to the stage before, during, and after surgical interventions Identi biological and physical principles related to musculoskeletal system health and diseases, which underpin physical therapy Understand the relationshi between human structures and function, focusing on the musculoskeletal system. Recognize and interpret different clinical and radiological investigations for different musculoskeletal disorders..
Student's obligation	• All students must be attended minimum 85% of class and take all exam in the date which the department select. • Students should prepare their materials. • Lab coat required during lab. • Preparation of seminar, poster, report.
Required Learning Materials	□ Lectures provide an introduction and summary of the topic area. Seminars/group work include discussion and use of information provided to support learning. □ Additionally, students are expected to engage in self - study. Their study time will be required to research and critically appraise information and to prepare for the module assessments. **Scheduled learning** includes lectures, seminars, practical skills sessions. **Independent learning** includes hours engaged with essential reading, poster preparation linking with the management approach selected for review. Use of practical experience gleaned whilst on placements will also be required to support discussion during the module.
Assessment scheme	25% Mid Term (Theory and practical) 8% Quiz 2%class activity

	10% Assignment (report, paper, seminar.) 10% Lab activity and Report 5% homework 20% final practical 20% final theory
Specific learning outcome:	On successful completion of this module students will be able to: 1.Explore the opportunities and challenges of physiotherapy assessment and management in surgical conditions. 2.Justify safe, effective and appropriate treatment techniques in the management of surgical conditions. 3. Discuss critically evidence based practice and the use of outcome measures in surgical condition conditions. 4. Produce evidence of well supported clinical reasoning based on rational interpretation of available information. 5. Provide a range of valid alternative responses to situations and discriminate and evaluate the responses in a critical way. 6. Critically appraise the role of the physiotherapist and multi - disciplinary team in chronic pain management and other surgical conditions 7. Evaluate the research findings in relation to the treatment of surgical conditions 8. Demonstrate reflective practice to underpin personal and professional development when working with patients with complex conditions.
Course References:	▪ Key references: ▪ Useful references: ▪ Magazines and review (internet

Week	Course topics (Theory)	Time/Hours
1	Introduction to surgery, definition, surgical team, Types of Surgery, Preoperative care.	2
2	Abdominal surgery, Laparotomies, laparoscopic, Anatomy of abdomen, Regions of the abdomen, common abdominal surgery, Abdomen Tests and investigation.	2
3	Arthroscopy, hip jointarthroscopy,indication,procedure ,complication	2
4	Total hip replacement, anatomy ,indication, contraindication ,complication	2
5	Knee arthroscopy, indication, procedure, complication	2
6	Total knee arthroplasty, indication ,contraindication, procedure, complication	2
7	Ankle fracture, Cause, classification, clinical features, treatment ,complication	2

8	Surgery for fracture neck of femur ,classification, causes, clinical features, treatment ,complication	**2**
9	Amputation, upper limb, indication, procedures, complication	**2**
10	Amputation ,lower limb, indication, procedures, complication	**2**
11	Wrist fractures surgery, classification, causes, clinical features, treatment ,complication	**2**
12	Burn, cause, degree of burn ,treatment ,complication	**2**

Questions Example Design

Q1- Choose the correct answer? (10 Marks)

1- Radiological finding of tennis elbow:

A- bone space narrowing

B- calcification at medial epicondyle

C- decrease bone density

D- All the above

E- none of the above

Q2- Filling the blanks? (10 Marks)

1- clinical feature of carpal tunnel syndrome include

A-

B-

C-

D-

Q3:

Write briefly on the following:

Q4: - Answer the following questions by true or false and correct the ward

a- The important clinical feature of fractures is pain, swelling, tenderness and deformity

Q5: - Mach the items in column A to items in column B:

Extra notes:

External Evaluator