**Course Description Form**

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| 1. Course Name:
 |
| Clinical pharmacy I |
| 1. Course Code:
 |
| **446 CpCp1** |
| 1. Semester / Year:
 |
| First semester/ Fourth |
| 1. Description Preparation Date:
 |
| 02/2024 |
| 1. Available Attendance Forms:
 |
| On campus |
| 1. Number of Credit Hours (Total) / Number of Units (Total)
 |
| 4 Hours /3 Units |
| 1. Course administrator's name (mention all, if more than one name)
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| Name: **Assistant Professor. Dr. Dheyaa Jabbar Kadhim**Email: **Diaa.kazem@copharm.uobaghdad.edu.iq**Name: **Lecturer. Dr. Ali Lateef Jasim**Email: Ali.jassem@copharm.uobaghdad.edu.iq |
| 1. Course Objectives
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| **Course Objectives** | * The course provides students with the basic knowledge and skills in community pharmacy in terms of management and practice**.**
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| 1. Teaching and Learning Strategies
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| **Strategy** | * Lectures
* Seminars
* Simple quizzes
* Brainstorming questions
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| 1. Course Structure
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| **Week**  | **Hours**  | **Required Learning Outcomes**  | **Unit or subject name**  | **Learning method**  | **Evaluation method**  |
| 1 | 1 | This topic outlines:1-Differences between prescription and over-the-counter medications.2-Responding to symptoms in Community pharmacy 3-General rules for referring patients  | Introduction to community pharmacy.  | Lectures.Discussions. | Simple quizzes. |
| 2 | 3 | This topic outlines:1-The etiology and symptoms of common minor Respiratory problems2-Symptoms necessitating referral for physicians3-Nonpharmacological treatments of common minor Respiratory problems4-OTC Pharmacological treatments of common minor Respiratory problems5-Proper patient counseling for OTC Pharmacological treatments.  | Respiratory problems: Cough, Common cold, allergic rhinitis, Otitis media, Laryngitis & Pharyngitis | Lectures.Discussions. | Simple quizzes. |
| 3 | 4 | This topic outlines:1-The etiology and symptoms of common minor G.I.T problems2-Symptoms necessitating referral for physicians3-Nonpharmacological treatments of common minor G.I.T problems4-OTC Pharmacological treatments of common minor G.I.T problems5-Proper patient counseling for OTC Pharmacological treatments.  | G.I.T problems: Diarrhea, Constipation, Heart burn and indigestion, IBS and Hemorrhoids | Lectures.Discussions. | Simple quizzes. |
| 4 | 2 | This topic outlines:1-The etiology and symptoms of common minor Pediatric problems2-Symptoms necessitating referral for physicians3-Nonpharmacological treatments of common minor Pediatric problems4-OTC Pharmacological treatments of common minor Pediatric problems5-Proper patient counseling for OTC Pharmacological treatments. | Pediatric care practice : Oral thrush, pinworms and head lice | Lectures.Discussions. | Simple quizzes. |
| 5 | 5 | This topic outlines:1-The etiology and symptoms of common minor Skin problems2-Symptoms necessitating referral for physicians3-Nonpharmacological treatments of common minor Skin problems4-OTC Pharmacological treatments of common minor Skin problems5-Proper patient counseling for OTC Pharmacological treatments.  | Skin conditions: Acne, Scabies, Psoriasis, Hair loss, Fungal infection, Eczema and Dermatitis , Dandruff, Cold sore, Corns and Callus.  | Lectures.Discussions. | Simple quizzes. |
| 6 | 2 | This topic outlines:1-The etiology and symptoms of common minor Women’s problems2-Symptoms necessitating referral for physicians3-Nonpharmacological treatments of common minor Women’s problems4-OTC Pharmacological treatments of common minor Women’s problems5-Proper patient counseling for OTC Pharmacological treatments.  | Women’s health care: Cystitis and vaginal thrush, primary dysmenorrhea and Premenstrual syndrome. | Lectures.Discussions. | Simple quizzes. |
| 7 | 3 | This topic outlines:1-The etiology and symptoms of common minor CNS problems2-Symptoms necessitating referral for physicians3-Nonpharmacological treatments of common minor CNS problems4-OTC Pharmacological treatments of common minor CNS problems5-Proper patient counseling for OTC Pharmacological treatments.  | CNS related problems: Headache, Insomnia, Motion sickness, Nausea and vomiting  | Lectures.Discussions. | Simple quizzes. |
| 8 | 1 | This topic outlines:1-The etiology and symptoms of common minor Eye problems2-Symptoms necessitating referral for physicians3-Nonpharmacological treatments of common minor Eye problems4-OTC Pharmacological treatments of common minor Eye problems5-Proper patient counseling for OTC Pharmacological treatments.  | - Eye problems | Lectures.Discussions. | Simple quizzes. |
| 9 | 1 | This topic outlines:1-The etiology and symptoms of common minor ENT problems2-Symptoms necessitating referral for physicians3-Nonpharmacological treatments of common minor ENT problems4-OTC Pharmacological treatments of common minor ENT problems5-Proper patient counseling for OTC Pharmacological treatments.  | ENT problems | Lectures.Discussions. | Simple quizzes. |
| 10 | 1 | This topic outlines:1-The etiology and symptoms of common minor Oral problems2-Symptoms necessitating referral for physicians3-Nonpharmacological treatments of common minor Oral problems4-OTC Pharmacological treatments of common minor Oral problems5-Proper patient counseling for OTC Pharmacological treatments. | Oral hygiene, mouth ulcer | Lectures.Discussions. | Simple quizzes. |
| 11 | 1 | This topic outlines:1-The etiology of obesity2-Complications of obesity3-Benefits of weight reduction4-Nonpharmacological treatments of Obesity4-OTC Pharmacological treatments of Obesity5-Proper patient counseling for OTC Pharmacological treatments.  | Obesity and body weight control. | Lectures.Discussions. | Simple quizzes. |
| 12 | 1 | This topic outlines:1-The etiology and symptoms of Pain and musculoskeletal problems2-Symptoms necessitating referral for physicians3-Nonpharmacological treatments of Pain and musculoskeletal problems4-OTC Pharmacological treatments of Pain and musculoskeletal problems5-Proper patient counseling for OTC Pharmacological treatments. | - Pain and musculoskeletal disorders | Lectures.Discussions. | Simple quizzes. |
| 13 | 1 | This topic outlines:1-Health risks from smoking2- Facts about the benefits of smoking giving up3- Theoretical Model of Smoking Cessation4- Nicotine Replacement Therapy (NRT) Usage guidelines | Nicotine replacement therapy ( NRT). | Lectures.Discussions. | Simple quizzes. |
| 14 | 1 | This topic outlines:1- Market of Supplements2- Regulations of Dietary supplements3- Hazards from Dietary Supplements4-Quality and efficacy of Dietary Supplements | Dietary supplements  | Lectures.Discussions. | Simple quizzes. |
| 15 | 2 | This topic outlines:1- An update in reclassification of OTC drugs2-Usage guidelines for new OTC drugs | An update in reclassification of OTC drugs  | Lectures.Discussions. | Simple quizzes. |
| 16 | 1 | This topic outlines:1-Definitions2-Incidence of nonadherence and errors3- Consequences of The nonadherence and errors4- Causes of medication nonadherence and errors5-Measurement of medication adherence and errors6-Techniques to help patients improve medication adherence and reduce errors | Medication adherence and errors. | Lectures.Discussions. | Simple quizzes. |
| 1. Course Evaluation
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| 20 midterm exam + 20 Laboratory + 60 Final exam |
| 1. Learning and Teaching Resources
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| Required textbooks (curricular books, if any) | 1-Symptoms in the pharmacy: a guide to the management of common illness.2-Community pharmacy: symptoms, diagnosis and treatment. |
| Main references (sources) | Symptoms in the pharmacy: a guide to the management of common illness |
| Recommended books and references (scientific journals, reports...) | Handbook of Nonprescription Drugs: An Interactive Approach to Self-Care, |
| Electronic References, Websites | Review articles |