



Beni-Suef University  
Faculty of Dentistry  
Quality Assurance Unit



## Course Specification

University: **Beni-Suef** Faculty: **Dentistry**  
Course Title: **pharmacology 2** Course code: **MPH222**  
Program on which the course is given: **Bachelor's degree of dental science**  
Department offering the course: **pharmacology department, Faculty of Medicine**  
Academic year: **2023/2024** Academic level: **2** Semester: **2**  
Date of specification approval: **9/2023**

### A- Basic Information

Academic Year:	2023-2024
Course Code:	<b>Mph222</b>
Course Theoretical (contact hours):	2hrs/ week
Practical (contact hours)	2hrs/week
Total Hours	4 hrs. /week
Prerequisite if any	Pharmacology 1

### B- Professional Information

#### **1- Overall aims of course:**

**By the end of the course, the student should be aware with:**

Define basic terminology of pharmacology; teach them the concept of drugs and their mechanism of action, different dosage forms and their advantages and disadvantages. Gain the rationale for choosing drugs in different situations and to summarize the basic knowledge for avoiding and managing toxicity of drugs.

#### **2- Intended learning outcomes of course (ILOs):**

##### **a- Knowledge & understanding:**

**By the end of this course the student should be able to:**

- a1- Realize the objective of drugs utilization in normal/diseased patients, their effects and drawbacks.
- a2- Describe the role of each item in our body and different indications and complications.
- a3- Concede the basics for drugs treatment.
- a4- Perceive different sources of infection.



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a5- Understand the objectives of using different antimicrobial drugs, their clinical and dental applications.

a6-Distinguish the different drugs used in gastrointestinal disorders and their clinical applications.

**b- Intellectual skills:**

**By the end of this course the student should be able to:**

b1- Use the skill of prescribing a drug for different situations and diseases.

**c- Professional and practical skills:**

**By the end of this course the student should be able to:**

c1- Demonstrate the effects of drugs on the tissues with focusing on concept of receptors, agonists, blockers...etc.

**d- General and transferable skills:**

**By the end of this course the student should be able to:**

d1- Use and application of information technology.

**3- Contents:**

Topic	Lecture	Practical	Tutorial/practical
Sympatholytics	4	2	Sympatholytics
CVS	4	4	CVS
Autacoids	2	2	Bronchial Asthma
Blood	2	2	Blood

**4- Teaching and learning methods:**

a- Small group discussion / Brain storming.	<b>Yes</b>
b- Interactive lecture	<b>yes</b>
c- Demonstrations.	<b>yes</b>

**5- Student assessment methods**

a. Written and short answer question.	<b>Yes</b>
b. Written and long essay.	<b>yes</b>
c. Multiple choice questions (MCQ)	<b>yes</b>
d. True or false question with justifying answer.	<b>yes</b>



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e. Practical / OSPE.	yes
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**Assessment schedule**

Quizzes	During semester
Mid-terms	April
Oral Exam	June 2024
Practical	May 2024
Final Exams	June 2024

**Weighting of assessments**

Written	Practical	Oral Exam	Midterm and Quizzes	Total
40	20	20	20	100

**List of reference;**

1- Course notes

**Facilities required for teaching and learning**

- **Update course material**

Course coordinator: Prof. Dr. Ahmed Elberry

Head of Department: Prof. Dr. Ahmed Elberry

Date: 9/2023