



**COURSE
REPORT**

**Transdermal Drug
Delivery Systems
2019/2020**

Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department: Pharmaceutics

A – Basic Information:

1- Title and code: Transdermal drug delivery systems **Esp3**

2- Program(s) on which this course is given: master

3- Year / Level of programs: master

4- Credit hours:

Lectures	4hrs/week
-----------------	-----------

5- Names of lecturers contributing to the delivery of the course:

- Assist.Prof. Dr/ Azza Ali Hassan
- Dr/Shreen Sabry

6- Course coordinator:

- Assist.Prof. Dr/ Azza Ali Hassan

7- External evaluator:

- Prof. Dr. / Ali abd elzaher (Assuit University)

B- Statistical Information:

No. of students attending the course	5	100 %
No. of students completing the course	5	100%

Results:

Passed	5	100%	Failed	-	-
--------	---	------	--------	---	---

Grading of successful students:

Excellent	3	60 %	Very Good	2	40%
Good	-	-	Pass	-	-

C- Professional Information:**1- Course Teaching:**

Topic	No of hours	Lecturers
<ul style="list-style-type: none"> Skin Advantages and disadvantages of transdermal drug delivery system Kinetics of transdermal permeation Basic components of transdermal drug delivery system Factors affecting transdermal bioavailability Various methods for preparation of transdermal drug delivery system Types of transdermal patches Mechanism of action of transdermal patches 	60	Assist.Prof. Dr/ Azza Ali Hassan
(Presentation)		Dr/Shreen Sabry
<ul style="list-style-type: none"> Evaluation parameters Transdermal market Advance developments in transdermal drug delivery system 		

• Formulation of semisolid dosage forms(Ointments) and equipments used		
• Formulation of semisolid dosage forms(Creams) and equipments used		

Topics taught as a percentage of the content specified:

>90 %	√	70 – 90 %		<70%	
-------	---	-----------	--	------	--

- Reasons in detail for not teaching any topics: -----
- If any topics were taught are not specified , give reasons in detail: -----

2- Teaching and learning Methods:

Lectures:	√
Seminar / Workshop:	√
Case study:	-
Other assignment / homework:	√

3- Student Assessment:

Method of Assessment	Percentage of total %
Written examination	75
Oral Exam	15
Activity	10

Members of examination committee:

- Assist.Prof. Dr/ Azza Ali Hassan
- Dr/Shreen Sabry

4- Facilities and Teaching Materials:

Totally adequate	√
Adequate to some extent	
Inadequate	

5- Administrative Constraints: no constrain**6- Students Evaluation of the Course:**

Students evaluation of the course	Response of course team
Students were satisfied	

7- Comments from external evaluator(s):

Comments from external evaluator	Response of course team
Well organized course	

8- Course Enhancement:

Action required	State whether or not complete and give reasons for any non-completion
Update teaching methods : add case study to develop critical thinking and problem solving skills	completed

9- Action plan for academic year 2020– 2021:

Action required	Completion date	Person responsible
------------------------	------------------------	---------------------------

Defining the criteria for students' assessment during oral exams.	2020- 2021	Course coordinator
---	------------	--------------------

- **Course Coordinator:** Assist.Prof. Dr/ Azza Ali Hassan
- **Head of department:** Prof. Dr. / Nagia Ahmed El-Megarb
- **Signature:**