



COURSE REPORT

Sterile solutions

2019-2020

Course report of sterile solutions

University: Zagazig**Faculty:** Pharmacy**Department:** pharmaceutics**A- Basic Information:**

1. Title and code: sterile solutions Code: D1011
2. Programme(s) on which this course is given: Clinical Pharmacy diploma
3. Year/ Level of programme: ----semester 2
4. Units/Credit hours:

Lectures Tutorial/Practical Total

5. Names of lecturers contributing to the delivery of the course

- i. Prof. Hanan El Nahas
- ii. Prof. Hanaa ElGhamri
- iii Assis. Prof. Gehan Balata
- iv. Assis. Prof. Shereen Sabri

Course co-ordinator: Assis. Prof. Gehan Balata

External evaluator: Prof. Gamal El Maghrabi –Tanta University

B- Statistical Information:

No. of students attending the course:	No.	<input type="text" value="205"/>	%	<input type="text" value="100"/>
No. of students completing the course:	No.	<input type="text" value="204"/>	%	<input type="text" value="99.5"/>
Results:				
Passed:	No.	<input type="text" value="170"/>	%	<input type="text" value="83.3"/>
Failed:	No.	<input type="text" value="34"/>	%	<input type="text" value="16.7"/>
Grading of successful students:				
Excellent:	No.	<input type="text" value="58"/>	%	<input type="text" value="28.4"/>
Good :	No.	<input type="text" value="30"/>	%	<input type="text" value="14.7"/>
Very Good:	No.	<input type="text" value="81"/>	%	<input type="text" value="39.7"/>
Pass:	No.	<input type="text" value="1"/>	%	<input type="text" value="0.5"/>

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

Week	Lecture content (2 hr/w)	Lecturer
1st	Chapter 1: Introduction to Parenteral Solutions: General description Characteristics of parenteral dosage forms	Prof. Hanan ElNahas
2nd	Chapter 1: Introduction to Parenteral Solutions: Parenteral Administration Routes Guide line for needle selection	
3rd	Chapter 1: Introduction to Parenteral Solutions: Advantages of parenteral preparations Disadvantages of parenteral preparations Safety, Accuracy, and Attitude	
4th	Chapter 2: Parenteral formulations: 1- Solutions	Assis. Prof. Shereen sabri
5th	Chapter 2: Parenteral formulations: 1- suspensions 2- emulsions	
6th	Chapter 3 : Large and Small Volume Parenteral Manufacturing:	
7th	Calculations involved in preparation of isotonic parenteral solutions	Assis. Prof. Gehan Balata
8th	Calculations involved in preparation of isotonic parenteral solutions	
9th	Chapter 4: Packaging of parenteral preparation	
10th	Chapter 5: Total Parenteral Nutrition (TPN)	
11th	Chapter 6: I.V Drug Incompatibilities	Prof. Hanaa El Ghamri

12 th	Chapter 7: Sterilization	
13 th	Chapter 8: Pharmacopeia requirements for compounding of parentals	
14 th	Chapter 8: Pharmacopeia requirements for compounding of parentals	
15 th	Final written exams	Delivery of self- assessment sheet (problem solving)

Topics taught as a percentage of the content specified:

>90% 70-90% <70%

Reasons in detail for not teaching any topic

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If any topics were taught which are not specified, give reasons in detail

2- Teaching and learning methods:

Lectures

Practical training/ laboratory:

Seminar/Workshop:

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Class activity: Report

Case Study:

Other assignments/homework

The students were asked to solve different problems about parenteral compounding

If teaching and learning methods were used other than those specified, list and give reasons:

Because of Corona pandemic, e-learning through telegram channel was applied since 15 March

3- Student assessment:

Assessment method	Marks	Percentage
Written exam	60	60 %
Students report	20	20 %

Oral exam	20	20 %
TOTAL	100	100%

Members of examination committee:

- Written exams preparation: **Prof / Hanan El Nahas**

Prof. Hanaa ElGhamri**Assis. Prof / Gehan Balata****Assis. Prof. Shereen Sabri**

Oral exam: Prof. Fakhar Ghazi, Prof. Mahmoud Abd ElGhani, Prof. Hanaa ElGhamri, Prof. Nagia ElMeghrab, Prof. Hanan ElNahas, Assis. Prof. Gehan Balata, Assis. Prof. Azza Hasan, Assis. Prof. Shereen Sabri

4- Facilities and teaching materials:

Totally adequate	-
Adequate to some extent	**
Inadequate	-
List any inadequacies	

5- Administrative constraints

List any difficulties encountered
No difficulties encountered

6- Student evaluation of the course:

List any criticisms	Response of course team
Students were satisfied about the course and exam questions

7- Comments from external evaluator(s):

Comment	Response of course team
Well structured course with clear ILOs	

8- Course enhancement:

Progress on actions identified in the previous year's action plan

Actions required	Completion	Person responsible
Updating Students Notes	completed	Course team
Add application cases	completed	Course team

9- Action plan for academic year 2020 - 2021

Actions required	Completion date	Person responsible
Updating course references	2020-2021	Course team
Add weakly assignments	2020-2021	Course team

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- **Course Coordinator: Assis. Prof. Gehan Balata**

