

# COURSE REPORTS

## Faculty of Pharmacy

**Bachelor of pharmacy**

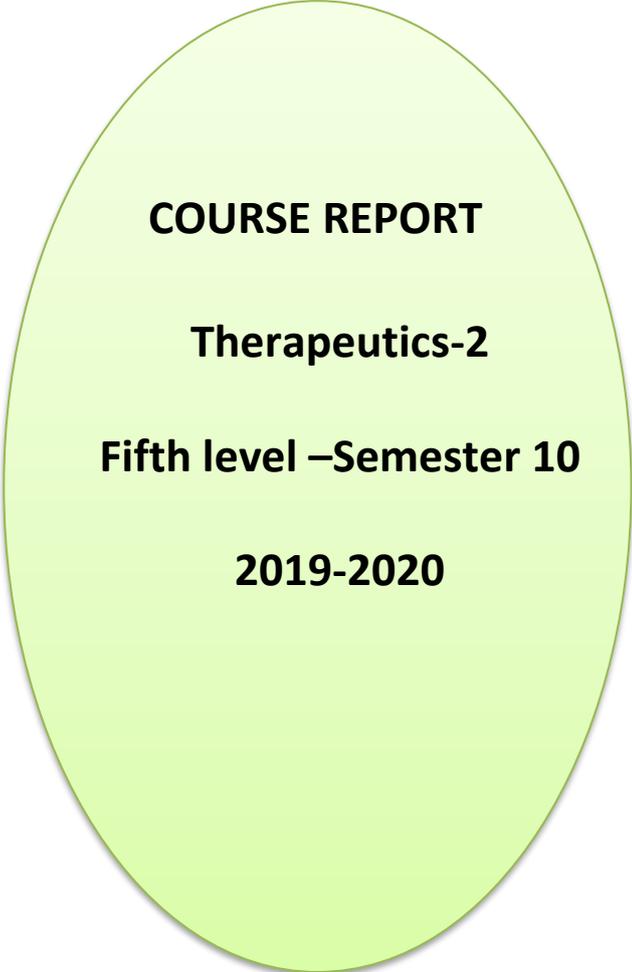
**(Clinical Pharmacy)**

**Fifth level – Semester 10**

**2019-2020**

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**COURSE REPORT**

**Therapeutics-2**

**Fifth level –Semester 10**

**2019-2020**

## **Annual Course Report**

**University:** Zagazig

**Faculty:** Pharmacy

**Department:** Pharmacology and Toxicology

### **A – Basic Information:**

**1- Title and Code:** Therapeutics-2

**PO 007**

**2- Program on which this course is given:** Bachelor of Clinical Pharmacy

**3- Year / Level of programs:** Fifth year /Semester 10

**4- Credit hours:** 3 hrs.

Lectures

Tutorial/Practical

Total

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

**Prof. Dr. Mona Fouad Mahmoud.**

**Ass. Prof. Dr. Waleed Barakat.**

**Ass. Prof. Dr. Islam Ahmed El-Azizy.**

**6- Course coordinator:** Ass. Prof. Dr. Waleed Barakat.

**7- External evaluator:** Prof. Dr/ Alaa El-Sisi (Tanta university).

## **B- Statistical Information:**

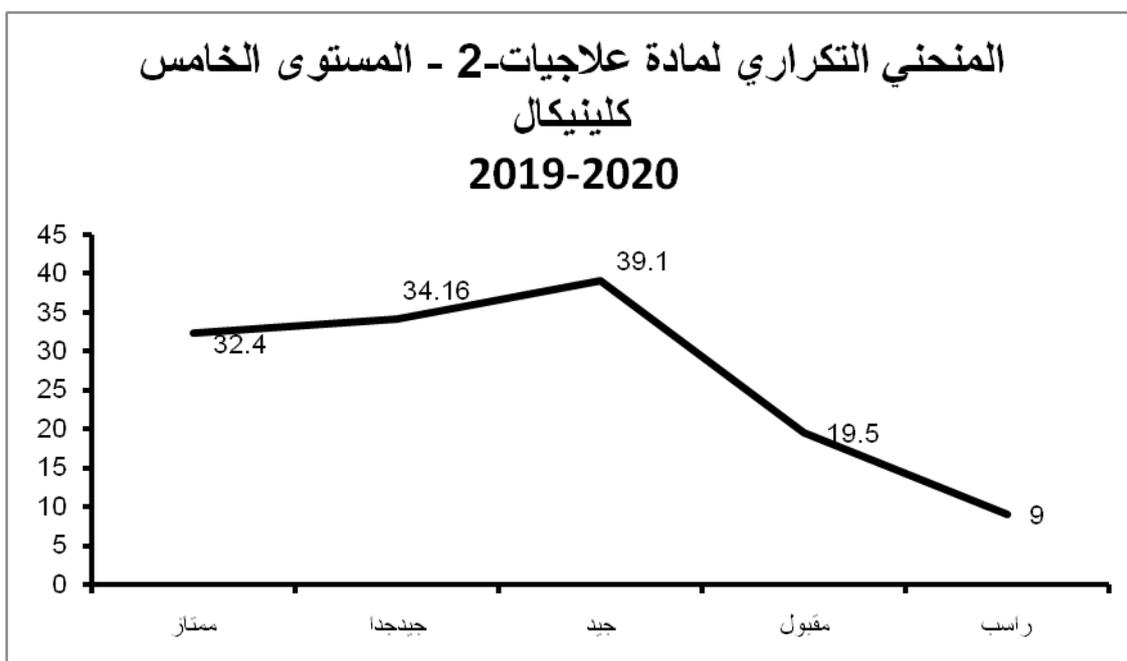
No. of students attending the course:	No. 198	100%
No. of students completing the course:	No. 195	98.5 %

### **Results:**

Passed	No.179	91.7 %	Failed	16	8.3 %
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### **Grading of successful students:**

Excellent	No.58	32.4%	Very Good	No.70	39.1%
Good	No.35	19.5%	Pass	No.16	9%



## **C- Professional Information:**

### **1- Course Teaching:**

Topics actually taught	No. of hours	Lecturer
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Respiratory tract infections (RTI)	2	<b>Ass. Prof. Dr. Waleed Barakat</b>
Respiratory tract infections (RTI)	2	
Urinary tract infections (UTI)	2	
Urinary tract infections (UTI)	2	
Skin infections	2	<b>Ass. Prof. Dr. Islam Ahmed El- Azizy</b>
Bone and CNS infections	2	
GIT infections	2	
Eye infections	2	
Endocarditis	2	<b>Prof. Dr. Mona Fouad Mahmoud</b>
Surgery prophylaxis	2	
Multiple sclerosis	2	
Headache	2	

### **Topics taught as a percentage of the content specified:**

>90 %	√	70 – 90 %		<70%	
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- **Reasons in detail for not teaching any topic: -----**
- **If any topics were taught which are not specified, give reasons in detail: -----**

### **2- Teaching and learning Methods:**

<b>Lectures:</b>	√
<b>Practical training/laboratory:</b>	√
<b>Case study:</b>	√
<b>Class activity:</b>	√

**If teaching and learning methods were used other than those specified, list and give reasons:** Because of Corona pandemic and suspension of the study since 15 March, the lectures and laboratory were delivered to the students through the telegram channel.

### **3- Student assessment:**

<b>Assessment method</b>	<b>Marks</b>	<b>Percentage</b>
<b>Mid-term exam*</b>	10	10%
<b>Practical exam*</b>	25	25%
<b>Oral exam*</b>	15	15%

<b>Written exam</b>	50	50%
<b>TOTAL</b>	100	100%

\* Due to corona pandemic, all exams were held together with the written exam in a written form.

### **Members of examination committee:**

**Prof. Dr Mona Fouad Mahmoud**

**Ass. Prof. Dr. Waleed Barakat.**

**Ass. Prof. Dr. Islam Ahmed El-Azizy**

### **4- Facilities and Teaching Materials:**

<b>Totally adequate</b>	
<b>Adequate to some extent</b>	√
<b>Inadequate</b>	

### **5- Administrative Constraints:**

**List any difficulties encountered:**

- Weak internet connections.

**List any inadequacies:**

- Absence of well-equipped computer lab with good internet connection and IT technician to help teaching staff if there is any difficulty in preparing and uploading lectures

### **6- Students Evaluation of the Course:**

<b>Students evaluation of the course</b>	<b>Response of course team</b>
- Students were satisfied about the course but they complained from the large content	-

## 7- Teaching staff evaluation of online learning and student assessment by projects:

-Generally, staff members were satisfied about online learning, but they mentioned problems that students may face like unavailability of computers or weak internet connection

-Unavailability of formal platform for the faculty to organize the interaction process with students

-Unavailability of teaching studio equipped with audiovisual facilities for recording lectures

## 8- Comments from external evaluator(s):

Comments from external evaluator	Response of course team
Course aims are very clear and strongly linked to program ILOS. Course topics, teaching methods are new	-----

## 9- Course Enhancement:

Action required	State whether or not complete and give reasons for any non-completion
Continuous development of course content to cope with program ILOS and labour market needs.	continuous

## 9- Action plan for academic year 2020– 2021:

Action required	Completion date	Person responsible
Continuous course revision and development	2020-2021	Course instructors
Apply blended learning	2020-2021	Course instructors

- **Course Coordinator: Ass. Prof. Dr. Waleed Barakat.**

- **Head of department: Prof. Dr. Mona Fouad Mahmoud**

**Signature:**

**Date:** --/--/2020

**COURSE REPORT**

**Treatment of  
dermatological and  
reproductive diseases**

**Fifth level –Semester 10**

**2019-2020**

**Annual Course Report of Treatment of dermatological  
and reproductive diseases**

University: Zagazig      Faculty: Pharmacy    Department: Dermatology  
&Venereology department , Faculty of medicine

**Course Report**

A- Basic Information

1. Title and code: Treatment of dermatological and reproductive diseases

Code: PP010

2. Programme(s) on which this course is given: Bachelor of pharmacy  
(Clinical pharmacy)

3. Year/ Level of programme: Fifth year/tenth semester

4. Units/Credit hours: .....

Lectures	<input type="text" value="1"/>	Tutorial/Practical	<input type="text" value="1"/>	Total	<input type="text" value="2"/>
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5. Names of lecturers contributing to the delivery of the course:

**Prof. Dr. Amany Abdel Rahman**

**Prof. Dr. Abdalla Hassan Kandiel**

**Dr. Abdalla Mohamed esawy**

Course co-ordinator: **Prof. Dr. Amany Abdel Rahman**

External evaluator:

B- Statistical Information

No. of students attending the course:	No.	<input type="text" value="144"/>	%	<input type="text" value="100"/>
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No. of students completing the course: No.  %

Results:

Passed: No.  99.3% Failed:  %   
No.

Grading of successful students:

Excellent: No.  %  Very Good:    
No. %

Good : No.  %  Pass:    
No. %

### C- Professional Information

#### 1 - Course teaching

Topics actually taught	No. of hours	Lecturer
- Structure and functions of skin	1	<b>Amany Abdel Rahman</b>
- Dermatological lesions -(Primary & Secondary)	1	
- Bacterial skin diseases	1	
- Fungal skin diseases: Diseases due to dermatophytes, Diseases due to yeasts	1	<b>Prof. Dr. Abdalla Hassan Kandiel</b>
- Viral skin diseases	1	
- Parasitic skin infestations: scabies	1	
- Eczema (Dermatitis):	1	

Definition of eczema		<b>Dr. Abdalla Mohamed esawy iel</b>
Classification:exogenous&endogeneous types		
Atopic dermatitis		
- Urticaria	1	
- Angioedema	1	
- Acne vulgaris	1	
- Papuloaquamous skin diseases	1	
- Skin manifestations of systemic diseases	1	
- Sexually transmitted diseases	1	

Topics taught as a percentage of the content specified:

>90%  70-90%  <70%

Reasons in detail for not  
teaching any topic

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

2- Teaching and learning methods:

Lectures:

Practical training/ laboratory:

Seminar/Workshop:

Class activity:

Case Study:

Other assignments/homework:

If teaching and learning methods were used other than those specified, list and give reasons: online lectures through telegram channel since 15<sup>th</sup> march because of corona pandemic

3- Student assessment:

Method of assessment	Percentage of total
Written examination	50%
Oral examination	15%
Practical/laboratory work	25%
Periodical	10%
Total	100%

Members of examination committee

**Prof. Dr. Amany Abdel Rahman**

**Prof. Dr. Abdalla Hassan Kandiell**

**Dr. Abdalla Mohamed esawy**

4- Facilities and teaching materials:

Totally adequate	<input type="text" value="√"/>
Adequate to some extent	<input type="text"/>
Inadequate	<input type="text" value="-"/>
List any inadequacies	<input type="text" value="-"/>

5- Administrative constraints

Poor internet connection

List any difficulties encountered

6- Student evaluation of the course:  
team

Response of course

List any criticisms

Students were satisfied about the course

7- Comments from external evaluator(s):  
course team

Response of

8- Course enhancement:

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

Action

State whether or not  
completed and give reasons  
for any non-completion

Revision of the course for any  
required updates

completed

9- Action plan for academic year 2020 - 2021

Actions required

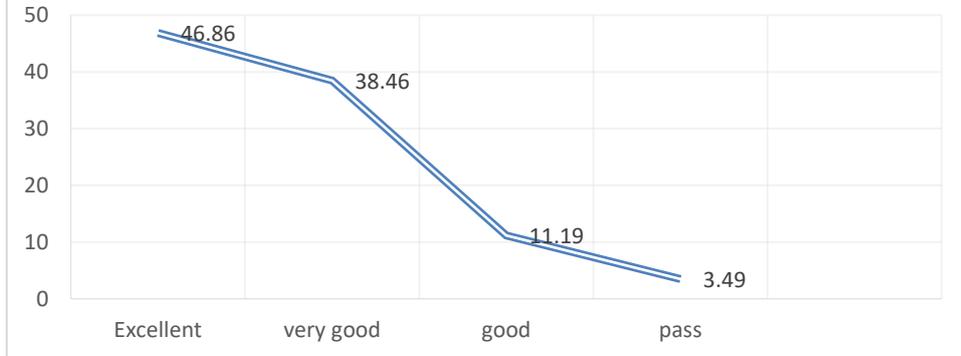
Completion date Person responsible

Apply blended learning

2020-2021

course team

## DERMATOLOGICAL AND REPRODUCTIVE DISEASES % OF STUDENTS



Course coordinator: **Prof. Dr. Amany Abdel Rahman**

Signature:

Date:                    /       /

**COURSE REPORT**

**Treatment of Pediatric  
Diseases**

**Fifth level –Semester 10**

**2019-2020**

## Annual Course Report of Treatment of Pediatric Diseases

University: Zagazig      Faculty: Medicine      Department: Pediatric department

### Course Report

#### A- Basic Information

1. Title and code: Treatment of Pediatric Diseases      Code: PP 011
2. Programme(s) on which this course is given: Bachelor of pharmacy (Clinical pharmacy)
3. Year/ Level of programme: Fifth year/Tenth semester
4. Units/Credit hours: .....

Lectures       Tutorial/Practical       Total

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

**Prof. Dr. Rabab Albehedi**  
**Prof. Dr. Dina Mohamed Shokry**  
**Prof. Dr. Ihab Mohamed Rashid**  
**Prof. Dr. Sanaa Mahmoud**  
**Prof. Dr. Sahbaa Mohamed Fahr**

Course co-ordinator:

External evaluator:

#### B- Statistical Information

No. of students attending the course:      No.       %

No. of students completing the course:      No.       %

Results:

Passed: No.  96.1% Failed:  %   
No.

Grading of successful students:

Excellent: No.  %  Very Good:  %   
No.

Good : No.   Pass:    
No.

### C- Professional Information

#### 1 - Course teaching

Topics actually taught	No. of hours	Lecturer
- Growth and development		<b>Prof. Dr. Rabab Albehed</b>
- Nutritional disorders		
- Marasmus and kwashiokor		
- Rickets		<b>Prof. Dr. Dina Mohamed Shokry</b>
- Gastroenteritis		
- Neonatal resuscitation 1 (APGAR)		<b>Prof. Dr. Ihab Mohamed Rashid</b>
- Neonatal resuscitation (2)		
- Neonatal sepsis		
- Neonatal convulsions		
- Neonatal respiratory distress		<b>Prof. Dr. Sanaa</b>
- Diabetes mellitus		

- Nephrotic syndrome		<b>Mahmoud</b> <b>Prof. Dr. Sahbaa</b> <b>Mohamed Fahr</b>

Topics taught as a percentage of the content specified:

>90%  70-90%  <70%

Reasons in detail for not teaching any topic

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

## 2- Teaching and learning methods:

Lectures:

Practical training/ laboratory:

Seminar/Workshop:

Class activity:

Case Study:

Other assignments/homework:

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

Electronic teaching through telegram channel

### 3- Student assessment:

Method of assessment	Percentage of total
Written examination	50%
Oral examination	15%
Practical/laboratory work	25%
Other assignments/class work	10%
Total	100%

Members of examination committee

**Prof. Dr. Rabab Albehedi**  
**Prof. Dr. Dina Mohamed Shokry**  
**Prof. Dr. Ihab Mohamed Rashid**  
**Prof. Dr. Sanaa Mahmoud**  
**Prof. Dr. Sahbaa Mohamed Fahr**

### 4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies

### 5- Administrative constraints

List any difficulties encountered

Weak internet connection

- Student evaluation of the course:

Response of course team

List any criticisms

Students were satisfied about the course

7- Comments from external evaluator(s):  
course team

Response of

8- Course enhancement:

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

Action

State whether or not completed and give reasons for any non-completion

Revision of the course content

completed

9- Action plan for academic year 2020 - 2021

Actions required

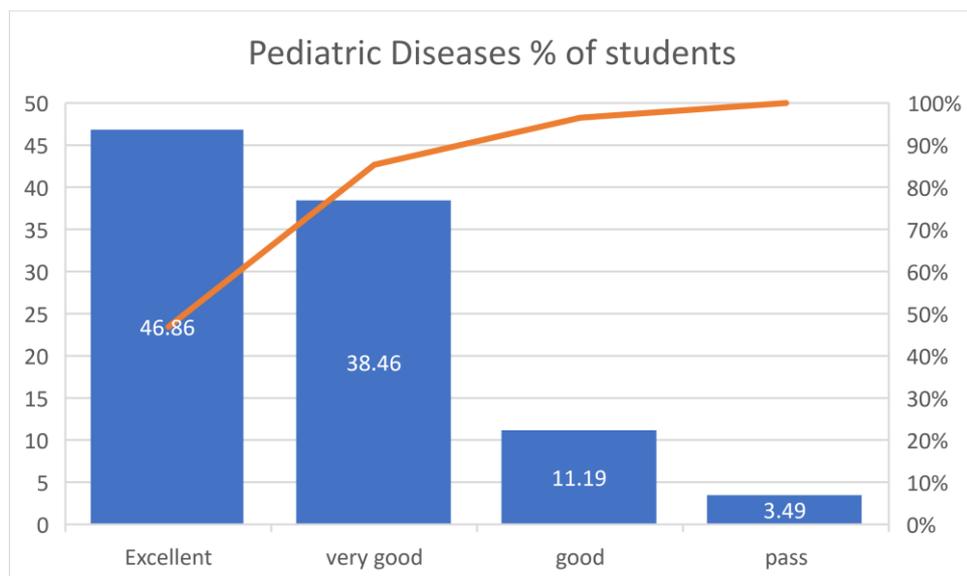
Completion date

Person responsible

Apply blended learning

2020-2021

course team



Course coordinator:

Signature: **Prof. Dr. Rabab Albehedi**

Date: /9/2019



**COURSE REPORT**

**Treatment of cardiovascular  
diseases**

**Fifth level –Semester 10**

**2019-2020**

## Annual Course Report of Treatment of cardiovascular diseases

University: Zagazig Faculty: Pharmacy Department: Cardiology

### Course Report

#### A- Basic Information

1. Title and code: Treatment of cardiovascular diseases Code: PP 012
2. Programme(s) on which this course is given: Bachelor of pharmacy  
(Clinical pharmacy)
3. Year/ Level of programme: Fifth year/tenth semester
4. Units/Credit hours: .....

Lectures  Tutorial/Practical  Total

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

**Prof. Dr. AbdelSalam Elsayed Hussien**

**Dr. Mohamed Mohsen**

Course co-ordinator: **Prof. Dr. AbdelSalam Elsayed Hussien**

External evaluator:

#### B- Statistical Information

No. of students attending the course: No.  %

No. of students completing the course: No.  %

Results:

Passed: No.  96.9%

Failed:  %   
No.

Grading of successful students:

Excellent: No.  %  Very Good:  %   
No.

Good : No.   Pass:    
No.

### C- Professional Information

#### 1 - Course teaching

Topics actually taught	No. of hours	Lecturer
- Introduction to treatment cardiovascular diseases	2	<b>Prof. Dr. AbdelSalam Elsayed Hussien</b>
- Cardiac symptoms	3	
- Rheumatic fever	2	
- Valvular heart disease	2	<b>Prof. Dr. AbdelSalam Elsayed Hussien</b>
- Prosthetic valve	2	
- Infective endocarditis	2	
- Acute coronary syndrome(part I)	2	
- Acute coronary syndrome(part II)	2	<b>Dr. Mohamed Mohsen</b>
- Heart failure (part I)	2	
- Heart failure (part II)	3	<b>Dr. Mohamed Mohsen</b>
- Hypertension	2	

- Cardiac arrhythmias	2	
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Topics taught as a percentage of the content specified:

>90%  70-90%  <70%

Reasons in detail for not teaching any topic

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

### 2- Teaching and learning methods:

Lectures:	<input checked="" type="checkbox"/>
Practical training/ laboratory:	<input checked="" type="checkbox"/>
Seminar/Workshop:	<input type="checkbox"/>
Class activity:	<input checked="" type="checkbox"/>
Case Study:	<input checked="" type="checkbox"/>

Other assignments/homework:

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

Online learning was applied because of corona pandemic

### 3- Student assessment:

Method of assessment	Percentage of total
Written examination	50%
Oral examination	15%

Practical/laboratory work	25%
Periodical exam	10%
Total	100%
Members of examination committee	

**Prof. Dr. AbdelSalam Elsayed Hussien**

**Dr. Mohamed Mohsen**

4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies

5- Administrative constraints

List any difficulties encountered

Poor internet connection

6- Student evaluation of the course:  
team

Response of course

List any criticisms

Students were satisfied about the course

7- Comments from external evaluator(s):

Response of course team

8- Course enhancement:

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

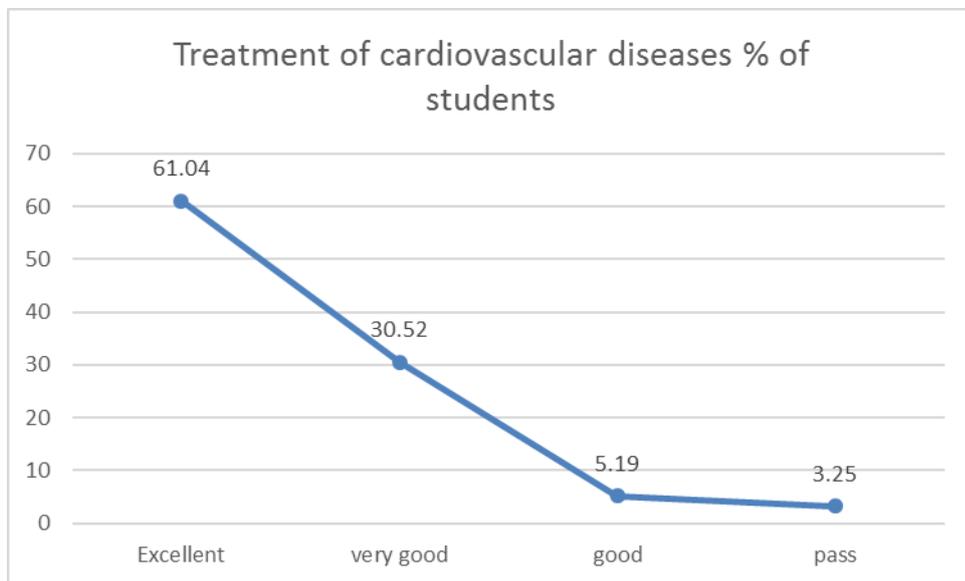
Action State whether or not completed and give reasons for any non-completion

Revision of course content completed

### 9- Action plan for academic year 2020 - 2021

Actions required Completion date Person responsible

Apply blended learning 2020 – 2021 course team



Course coordinator: **Prof. Dr. AbdelSalam Elsayed Hussien**

Signature:

Date: / /

**COURSE REPORT**

**Gastroenterology**

**Fifth level –Semester 10**

**2019-2020**



Grading of successful students:

Excellent: No.  %  Very Good:  %   
 No.   Pass:    
 No.

C- Professional Information

Topics actually taught	No. of hours	Lecturer
- Achalasia - GERD	2	<b>Dr. Amany Mohamed</b>
- Peptic ulcer - Hiatus hernia	4	
- Diarrhea	2	
- Constipation	2	<b>Dr. Amany Mohamed</b>
- Haematemesis	2	
- Bleeding per rectum	2	
- Dysentery	2	
- Inflammatory bowel diseases	2	
- Bilharziasis	2	
- Acute hepatitis	2	<b>Prof. Dr. Ihab Fawzy</b>
- Chronic hepatitis C	2	
- Chronic hepatitis B	2	

- Ascites	2	
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1 - Course teaching

Topics taught as a percentage of the content specified:

>90%  70-90%  <70%

Reasons in detail for not teaching any topic

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

2- Teaching and learning methods:

Lectures:

Practical training/ laboratory:

Seminar/Workshop:

Class activity:

Case Study:

Other assignments/homework:

If teaching and learning methods were used other than those specified, list and give reasons: on line teaching because of corona pandemic

3- Student assessment:

Method of assessment	Percentage of total
Written examination	50%
Oral examination	15%
Practical/laboratory work	25%



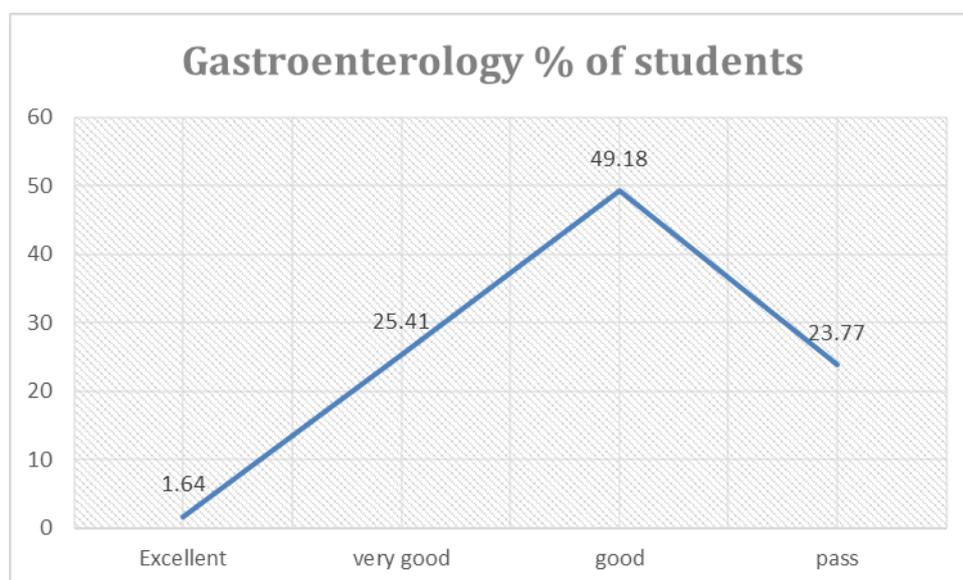
8- Course enhancement:

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

Action	State whether or not completed and give reasons for any non-completion
Revision of course notes	completed

9- Action plan for academic year 2020 - 2021

Actions required	Completion date	Person responsible
Apply blended learning	2020-2021	course team



Course coordinator: **Prof. Dr. Amany Mohamed**

Signature:

Date:                    /       /



**COURSE REPORT**

**Treatment of Respiratory**

**System Diseases**

**Fifth level –Semester 10**

**2019-2020**

## Annual Course Report of Treatment of Respiratory System Diseases

**University: Zagazig**

**Faculty: Medicine**

**Department: Chest**

### Course Report

#### A- Basic Information

1. Title and code: Treatment of Respiratory System Diseases      Code: PP 014

2. Programme(s) on which this course is given: Bachelor of pharmacy (Clinical pharmacy)

3. Year/ Level of programme: Fifth year/Tenth semester

4. Units/Credit hours: .....

Lectures       Tutorial/Practical       Total

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

Prof. Dr. Nagwan Adel

Prof. Dr. Maha Algabry

Prof. Dr. Moustafa Ibrahim

Prof. Dr. Ashraf Alshora

Prof. Dr. Adel Attia

Course co-ordinator: Prof. Dr. Nagwan Adel

External evaluator:

#### B- Statistical Information

No. of students attending the course:      No.       %

No. of students completing the course:      No.       %

course:

Results:

Passed: No.  99.4% Failed:  %   
No.

Grading of successful students:

Excellent: No.  %  Very Good:  %   
No.

Good : No.   Pass:    
No.

## C- Professional Information

### 1 - Course teaching

Topics actually taught	No. of hours	Lecturer
- Anatomy and physiology of respiratory system	2	Prof. Dr. Nagwan Adel
- Pleural diseases	3	
- Asthma		
- COPD	2	
- Pulmonary tuberculosis	2	Prof. Dr. Maha Algabry Prof. Dr. Moustafa Ibrahim
- Pneumonia (bacterial, viral, fungus, parasitic)	2	
- Lung abscess	2	
- Bronchiectasis, infected cystic lung, cystic fibrosis	2	

- Interstitial lung diseases	2	Prof. Dr. Ashraf Alshora Prof. Dr. Adel Attia
- Pulmonary embolism	2	
- Occupational lung diseases	2	
- Lung cancer - lung in systemic disorders	2	
- Respiratory failure, life threatening conditions	2	
- Drug-induced lung diseases	3	

Topics taught as a percentage of the content specified:

>90%  70-90%  <70%

Reasons in detail for not teaching any topic

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

2- Teaching and learning methods:

Lectures:

Practical training/ laboratory:

Seminar/Workshop:

Class activity:

Case Study:

Other assignments/homework:

If teaching and learning methods were used other than those specified,

list and give reasons: electronic lectures were uploaded on telegram channel because of corona pandemic

### 3- Student assessment:

Method of assessment	Percentage of total
Written examination	50%
Oral examination	15%
Practical/laboratory work	25%
Other assignments/class work	10%
Total	100%

#### **Members of examination committee**

Prof. Dr. Nagwan Adel  
Prof. Dr. Maha Algabry  
Prof. Dr. Moustafa Ibrahim  
Prof. Dr. Ashraf Alshora  
Prof. Dr. Adel Attia

### 4- Facilities and teaching materials:

Totally adequate	<input type="text" value="√"/>
Adequate to some extent	<input type="text"/>
Inadequate	<input type="text" value="-"/>
List any inadequacies	<input type="text" value="-"/>

### 5- Administrative constraints

List any difficulties encountered

Poor internet connection

6- Student evaluation of the course: Response of course team

List any criticisms

Students were satisfied about the course

7- Comments from external evaluator(s): Response of course team

8- Course enhancement:

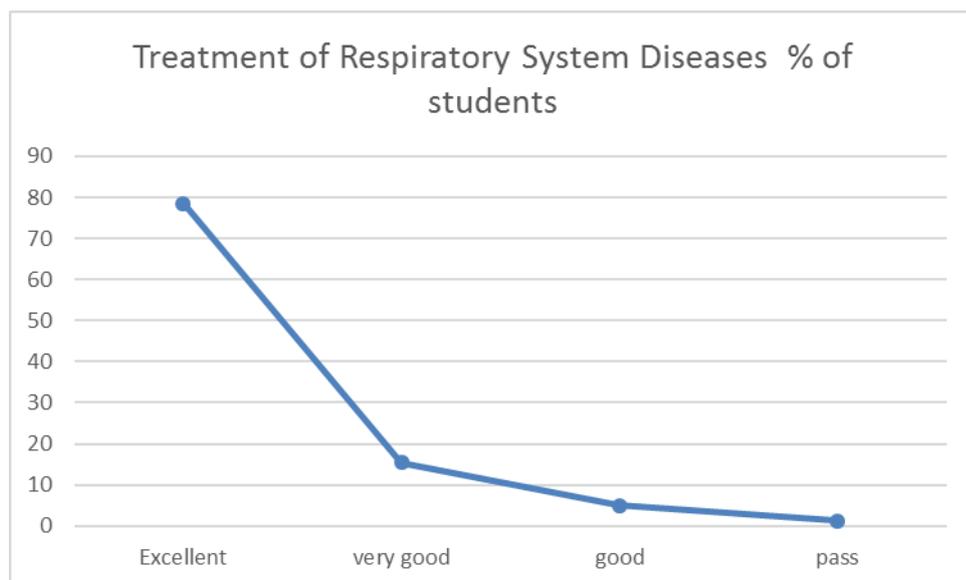
Progress on actions identified in the previous year's action plan:

Action	State whether or not completed and give reasons for any non-completion
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Revision of course notes for any updates	completed
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9- Action plan for academic year 2020- 2021

Actions required	Completion date	Person responsible
Apply blended learning	2020-2021	course team



Course coordinator: **Prof. Dr. Nagwan Adel**

Signature:

Date: / 10/2019



**COURSE REPORT**

**Drug information**

**Fifth level –Semester 10**

**2019-2020**

## Annual Course Report of Drug Information

University: Zagazig Faculty: Pharmacy Department: Pharmacy  
practice

### Course Report

#### A- Basic Information

1. Title and code: DRUG INFORMATION (PP 015)
2. Programme(s) on which this course is given: Bachelor of Pharmacy-  
Clinical pharmacy
3. Year/ Level of programme: 5<sup>th</sup> level (10<sup>th</sup> semester)
4. Units/Credit hours:

Lectures  Tutorial/Practical  Total

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

i Assis Prof. Gehan Fathy Attia

ii Dr. Shereen Sabri

Course co-ordinator: Assis Prof. Gehan Fathy Attia

External evaluator: Due to Corona pandemic, course evaluation this year  
was cancelled

External evaluator in 2018-2019: Prof. Osama Abd ElAzeem –  
Pharmaceutics Department – Mansoura University

#### B- Statistical Information

No. of students attending the course: No.  %

No. of students completing the course: No.  %

#### Results

Passed: No.  %  Failed:  %   
No.

Grading of successful students:

Excellent:	No.	72	%	42.1	Very Good:	No.	78	%	45.6
Good :	No.	15	%	8.8	Pass:	No.	6	%	3.5

C- Professional Information

1 - Course teaching

<b>Week No.</b>	<b>Lecture contents (1 hr/lec.)</b>	<b>Lecturer</b>
<b>1</b>	Introduction to drug information	Dr. Shereen Sabry
<b>2</b>	<ul style="list-style-type: none"> <li>- Systematic approach for answering question</li> <li>- Modified systematic approach</li> </ul>	
<b>3</b>	Response formulation	
<b>4</b>	<ul style="list-style-type: none"> <li>• Drug information resources:</li> <li>• Tertiary literature</li> </ul> Evaluation of Tertiary literature	
<b>5</b>	<ul style="list-style-type: none"> <li>• secondary literature</li> <li>• Primary literature</li> </ul>	
<b>6</b>	Alternative Information Sources	
<b>7</b>	<ul style="list-style-type: none"> <li>• Definition of controlled clinical trial</li> <li>• Format and content of controlled clinical trials</li> <li>• Reasons for not publishing trials</li> <li>• Peer review process</li> </ul>	Assis Prof. Gehan Balata
<b>8</b>	Appraisal of clinical trial: <ul style="list-style-type: none"> <li>• title &amp; Abstract</li> <li>• Introduction</li> <li>• Methods</li> </ul>	
<b>9</b>	Appraisal of clinical trial: <ul style="list-style-type: none"> <li>• Results</li> <li>• Conclusion &amp; discussion</li> <li>• References</li> </ul> True experiments—beyond the controlled clinical trial	
<b>10</b>	<ul style="list-style-type: none"> <li>• Introduction to pharmacoeconomics</li> <li>• Types of costs: 47</li> </ul>	
<b>11</b>	Pharmacoeconomics models <ul style="list-style-type: none"> <li>• Cost minimization analysis</li> </ul>	

	<ul style="list-style-type: none"> <li>• Cost benefit analysis</li> <li>• Cost effectiveness analysis</li> <li>• Cost utility analysis</li> </ul>	
<b>12</b>	Steps in decision analysis Pharmacoeconomic websites	
<b>13</b>	Delivery of clinical trial evaluation template & discussion	

Topics taught as a percentage of the content specified:

>90%  70-90%  <70%

Reasons in detail for not teaching any topic

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

2- Teaching and learning methods:

Lectures:

Practical training/ laboratory:

Seminar/Workshop:

Class activity:

Case Study:

Due to Corona pandemic, e-learning through telegram channel was applied since 15 March and some course assignments were delivered by email

Other assignments/homework:

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

- Use of different drug information resources

- Appraisal of controlled clinical trial

3- Student assessment:

Method of assessment	Percentage of total
Written examination	75
Oral examination	15
Practical/laboratory work	-
Other assignments/class work	10
Total	100 %

Members of examination committee

- Written exams preparation: Assis. Prof. Gehan Balata, Dr. Shereen Sabry

- Due to Corona pandemic, the Oral exam was changed into a written sheet and marked by : Professors Fakhar Ghazi, Mahmoud Abd ElGhani, Hanan ElNahas, Nagia ElMegrab, Hanaa ElGhamri , Assis. Prof Gehan Balata, Azza Hassan, Assis. Prof. Shereen sabri, Dr. Noura Gamal, Eman Gomaa

4- Facilities and teaching materials:

Totally adequate	-
Adequate to some extent	**
Inadequate	-

List any inadequacies

poor internet connection

5- Administrative constraints

List any difficulties encountered

- No internet connection in classroom for access to different information resources
- For e-learning, unavailability of well equipped studio for lectures recording
- Unavailability of professional IT technician to resolve any encountered problems during lectures uploading

6- Student evaluation of the course: Response of course team

List any criticisms

- Generally students were satisfied about the course
- They gained research skills
- They complained from weak internet connection Which may delay lectures downloading

7- Comments from external evaluator(s) 2018-2019:

- The course is well designed, learning outcomes Are properly phrased and can be measured.
- Appropriate teaching and assessment methods were used

8- Course enhancement:

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

Action

State whether or not completed and give reasons for any non-completion

Actions

Completion

Updating Students Notes

Done

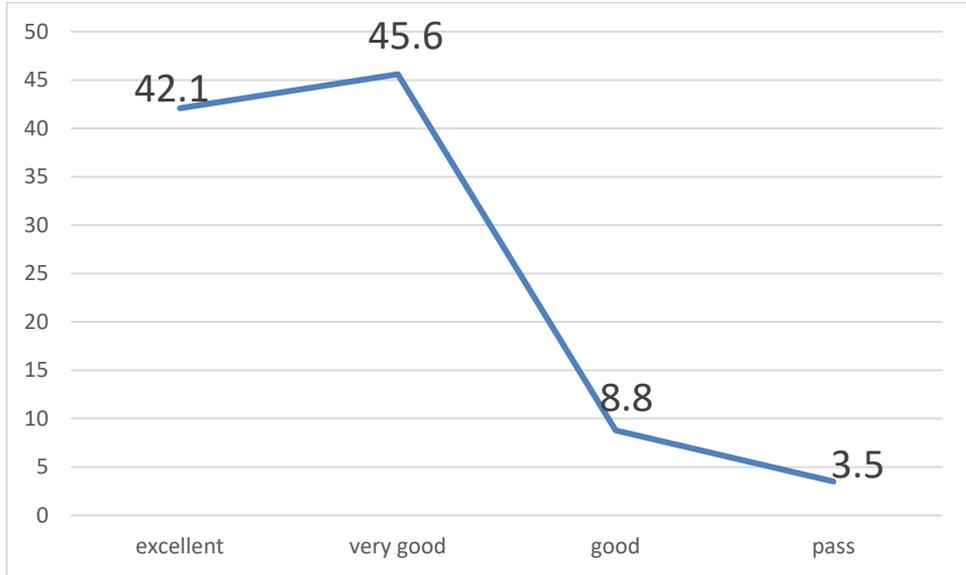
Establish drug information centre

Done

9- Action plan for academic year 2020 – 2021:

Action required	Completion date	Responsibility
Internet connection in classes	2020-2021	Faculty administration

Apply blended learning	2020-2021	Course team
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Course coordinator:

Signature: Dr. Gehan Fathy