



Mansoura University  
Faculty of Pharmacy  
Quality Assurance Unit  
**Course Report**  
**2020/2021**  
**Clinical Pharmacy Master**  
**Program**  
Postgraduate Studies



**Program: Clinical Pharmacy Master Program**  
**Course: Clinical Pharmacy**  
**Code: PPM-203**  
**Academic year: 2020/2021**  
**Second Semester**

**البرنامج**

ماجستير الصيدلة الإكلينيكية

**تقرير مقرر**

الصيدلة الإكلينيكية

**رئيس القسم**

أ.د. محمد الحسيني السبيعي شمس

**منسق المقرر**

د. معتز محمد سليمان



Mansoura University  
Faculty of Pharmacy  
Quality Assurance Unit  
**Course Report**  
**2020/2021**  
**Clinical Pharmacy Master**  
**Program**  
Postgraduate Studies



**University: Mansoura**

**Faculty: Pharmacy**

**Department: Clinical Pharmacy and Pharmacy Practice**

**A. Basic Information**

Course Title and code:	Clinical Pharmacy (PPM-201)
Program on which this course is given:	Clinical Pharmacy Master Program
Total Credit hours:	2
Lectures: 2 credit hours	Tutorial/Practical: 0 credit hour
Academic Level	Postgraduate
Academic year	2020/2021 - Second semester
Name of lecturers contributed to the delivery of this course	Prof. Mohamed E. Shams Dr. Moetaza M. Soliman
Course co-coordinator:	Dr. Moetaza M. Soliman
External evaluator:	Doaa Hamed Yousef
Date of Department Council Approval	May 2022
Date of Faculty Council Approval	

**B. Statistical Information:**

No. of students attending the course: 1					
No. of students completing the course: 1					
<b>Exam Results</b>					
Passed No.: 1		percentage: 100 %			
Failed No.:		percentage: 0			
Grading of successful students (%):					
A+		A	100 %	A-	
B+		B		B-	
C+		C		C-	
D+		D		D-	



## C. Professional Information:

### 1. Course teaching:

No.	Topics taught
1.	Pharmacovigilance and epidemiological methods in adverse drug reaction detection.
2.	Monitoring anticoagulant therapy.
3.	Routes of administration of parenteral nutrition - parenteral nutrition in specific disease states.
4.	Pharmacokinetic drug-drug interactions.
5.	Principles and goals of drug therapy in the elderly.
6.	Pharmacoepidemiology and its applications in clinical practice
7.	Common barriers for pharmaceutical care implementation
8.	Documentation in clinical pharmacy practice
9.	Clinical trials

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

√ > 90 %	70 - 90 %	< 70 %
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#### Lecturers' commitment of the course content:

√ > 90 %	70 - 90 %	< 70 %
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#### Coverage of exam topics to course content:

√ > 90 %	70 - 90 %	< 70 %
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### 2. Used teaching and Learning Methods:

Lectures:	Data show- power point presentation
Practical Training/ Laboratory:	Data show- power point presentation

### 3. Student Assessment:

a. Method of Assessment	Percentage of total
Written examination	90 %



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Oral examination	10 %
Practical / laboratory work	

**b. Members of examination committee:**

Prof. Mohamed E. Shams  
Dr. Moetaza M. Soliman

**c. Role of external evaluator (If any):**

1. Revision of course contents, and suggest new topics.
2. Revision of teaching and learning strategy.
3. Revision of course notes and suggest enhancement plan
4. Revision of Exam and related assignments

**4. Facilities and Teaching Materials**

Totally adequate	√
Adequate to some extent	
Inadequate	
List any inadequacies:	

**5. Administrative constraints**

List any difficulties encountered: N/A

**6. Student evaluation of the course: Very good**

List any criticisms and response of course team

Criticisms	response of course team
N/A	-

**7. Comments from external evaluator(s) (if exists) and response of course team:**

Comment	Response
N/A	-



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### 8. Course enhancement suggestions:

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

Action	Completed	Not completed	Why not completed?
Upgrading teaching strategy	√		

### 9. Action plan for academic year 2021 - 2022:

Action Required	Person responsible	Completion Date
Updating course contents	Staff members who teach the course	October 2022

	Name	Signature
Course Coordinator	Dr. Moetaza M. Soliman	
Head of the Department	Prof. Mohamed E. Shams	



Mansoura University  
Faculty of Pharmacy  
Quality Assurance Unit  
**Course Report**  
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Postgraduate Studies



**Program: Clinical Pharmacy Master Program**  
**Course: Clinical research design**  
**Code: PPM-202**  
**Academic year: 2020/2021**  
**Second Semester**

**البرنامج**

ماجستير الصيدلة الإكلينيكية

**تقرير مقرر**

تصميم البحوث الإكلينيكية

**رئيس القسم**

أ.د. محمد الحسيني السبيعي شمس

**منسق المقرر**

د. معتزه محمود سليمان



Mansoura University  
Faculty of Pharmacy  
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**2020/2021**  
**Clinical Pharmacy Master**  
**Program**  
Postgraduate Studies



**University: Mansoura**

**Faculty: Pharmacy**

**Department: Clinical Pharmacy and Pharmacy Practice**

**A. Basic Information**

Course Title and code:	Clinical research design (PPM-202)
Program on which this course is given:	Clinical Pharmacy Master Program
Total Credit hours:	2
Lectures: 2 credit hours	Tutorial/Practical: 0 credit hour
Academic Level	Postgraduate
Academic year	2020/2021 - Second semester
Name of lecturers contributed to the delivery of this course	1. Dr. Moetaza M. Soliman 2. Dr. Noha Osama Mansour
Course co-coordinator:	Dr. Moetaza M. Soliman
External evaluator:	Doaa Hamed Yousef
Date of Department Council Approval	May 2022
Date of Faculty Council Approval	

**B. Statistical Information:**

No. of students attending the course: 1					
No. of students completing the course: 1					
<u>Exam Results</u>					
Passed No.: 1		percentage: 100 %			
Failed No.:		percentage: 0			
Grading of successful students (%):					
A+	100 %	A		A-	
B+		B		B-	
C+		C		C-	
D+		D		D-	



### C. Professional Information:

#### 1. Course teaching:

No.	Topics taught
1.	Systematic reviews and meta-analyses.
2.	Phases and designs of clinical trial
3.	Incidence, prevalence, relative risk/risk ratios, and odds ratios
4.	Bias and confounding in study design
5.	Hierarchy of study designs, types of study designs
6.	Drug literature evaluation: basic
7.	Drug literature evaluation: advanced

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

√ > 90 %	70 - 90 %	< 70 %
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#### Lecturers' commitment of the course content:

√ > 90 %	70 - 90 %	< 70 %
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#### Coverage of exam topics to course content:

√ > 90 %	70 - 90 %	< 70 %
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#### 2. Used teaching and Learning Methods:

Lectures:	Data show- power point presentation
Practical Training/ Laboratory:	Data show- power point presentation

#### 3. Student Assessment:

a. Method of Assessment	Percentage of total
Written examination	90 %
Oral examination	10 %
Practical / laboratory work	





**b. Members of examination committee:**

1. Dr. Moetaza M. Soliman
2. Dr. Noha Osama Mansour

**c. Role of external evaluator (If any):**

1. Revision of course contents, and suggest new topics.
2. Revision of teaching and learning strategy.
3. Revision of course notes and suggest enhancement plan
4. Revision of Exam and related assignments

**4. Facilities and Teaching Materials**

Totally adequate	√
Adequate to some extent	
Inadequate	
List any inadequacies:	

**5. Administrative constraints**

List any difficulties encountered: N/A

**6. Student evaluation of the course: Very good**

List any criticisms and response of course team

Criticisms	response of course team
N/A	-

**7. Comments from external evaluator(s) (if exists) and response of course team:**

Comment	Response
N/A	-

**8. Course enhancement suggestions:**

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

Action	Completed	Not completed	Why not completed?
Upgrading teaching strategy	√		



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**9. Action plan for academic year 2021 - 2022:**

Action Required	Person responsible	Completion Date
Updating course contents	Staff members who teach the course	October 2022

	Name	Signature
Course Coordinator	Dr. Moetaza M. Soliman	
Head of the Department	Prof. Mohamed E. Shams	



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**Program: Clinical Pharmacy Master Program**  
**Course: Pharmacotherapy**  
**Code: PPM-204**  
**Academic year: 2020/2021**  
**Second Semester**

**البرنامج**

ماجستير الصيدلة الإكلينيكية

**تقرير مقرر**

العلاج الدوائي

**رئيس القسم**

أ.د. محمد الحسيني السبيعي شمس

**منسق المقرر**

د. معتزه محمود سليمان



Mansoura University  
Faculty of Pharmacy  
Quality Assurance Unit  
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**2020/2021**  
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**Program**  
Postgraduate Studies



**University: Mansoura**

**Faculty: Pharmacy**

**Department: Clinical Pharmacy and Pharmacy Practice**

**A. Basic Information**

Course Title and code:	Pharmacotherapy (PPM-204)
Program on which this course is given:	Clinical Pharmacy Master Program
Total Credit hours:	2
Lectures: 2 credit hours	Tutorial/Practical: 0 credit hour
Academic Level	Postgraduate
Academic year	2020/2021 - Second semester
Name of lecturers contributed to the delivery of this course	1. Dr. Moetaza M. Soliman 2. Dr. Noha Osama Mansour
Course co-coordinator:	Dr. Moetaza M. Soliman
External evaluator:	Doaa Hamed Yousef
Date of Department Council Approval	May 2022
Date of Faculty Council Approval	

**B. Statistical Information:**

No. of students attending the course: 1					
No. of students completing the course: 1					
<b>Exam Results</b>					
Passed No.: 1		percentage: 100 %			
Failed No.:		percentage: 0			
Grading of successful students (%):					
A+		A	100 %	A-	
B+		B		B-	
C+		C		C-	
D+		D		D-	



### C. Professional Information:

#### 1. Course teaching:

No.	Topics taught
1.	Questionnaires used for assessment
2.	Pharmacotherapy for anxiety.
3.	Drug treatment in schizophrenia.
4.	Assessment and management of pain.
5.	Pharmacotherapy of diabetes mellitus
6.	Pharmacotherapy of hypertension
7.	Pharmacotherapy of heart failure
8.	Pharmacotherapy of asthma
9.	Pharmacotherapy of thyroid disorders

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

√ > 90 %	70 - 90 %	< 70 %
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#### Lecturers' commitment of the course content:

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

#### Coverage of exam topics to course content:

√ > 90 %	70 - 90 %	< 70 %
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#### 2. Used teaching and Learning Methods:

Lectures:	Data show- power point presentation
Practical Training/ Laboratory:	Data show- power point presentation

#### 3. Student Assessment:

a. Method of Assessment	Percentage of total
Written examination	90 %
Oral examination	10 %



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Postgraduate Studies



Practical / laboratory work	
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**b. Members of examination committee:**

1. Dr. Moetaza M. Soliman
2. Dr. Noha Osama Mansour

**c. Role of external evaluator (If any):**

1. Revision of course contents, and suggest new topics.
2. Revision of teaching and learning strategy.
3. Revision of course notes and suggest enhancement plan
4. Revision of Exam and related assignments

**4. Facilities and Teaching Materials**

Totally adequate	√
Adequate to some extent	
Inadequate	
List any inadequacies:	

**5. Administrative constraints**

List any difficulties encountered: N/A

**6. Student evaluation of the course: Very good**

List any criticisms and response of course team

Criticisms	response of course team
N/A	-

**7. Comments from external evaluator(s) (if exists) and response of course team:**

Comment	Response
N/A	-

**8. Course enhancement suggestions:**

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



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Action	Completed	Not completed	Why not completed?
Upgrading teaching strategy	√		

**9. Action plan for academic year 2021 - 2022:**

Action Required	Person responsible	Completion Date
Updating course contents	Staff members who teach the course	October 2022

	Name	Signature
Course Coordinator	Dr. Moetaza M. Soliman	
Head of the Department	Prof. Mohamed E. Shams	



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**Program: Clinical Pharmacy Master Program**  
**Course: Applied Clinical Pharmacokinetics**  
**Code: PPM-203**  
**Academic year: 2020/2021**  
**Second Semester**

**البرنامج**

ماجستير الصيدلة الإكلينيكية

**تقرير مقرر**

حركية الدواء الإكلينيكية

**رئيس القسم**

أ.د. محمد الحسيني السبيعي شمس

**منسق المقرر**

د. نهى أسامة منصور





Mansoura University  
Faculty of Pharmacy  
Quality Assurance Unit  
**Course Report**  
**2020/2021**  
**Clinical Pharmacy Master**  
**Program**  
Postgraduate Studies



**University: Mansoura**

**Faculty: Pharmacy**

**Department: Clinical Pharmacy and Pharmacy Practice**

**A. Basic Information**

Course Title and code:	Applied Clinical Pharmacokinetics (PPM-203)
Program on which this course is given:	Clinical Pharmacy Master Program
Total Credit hours:	2
Lectures: 2 credit hours	Tutorial/Practical: 0 credit hour
Academic Level	Postgraduate
Academic year	2020/2021 - Second semester
Name of lecturers contributed to the delivery of this course	1. Prof. Mohamed E. Shams 2. Dr. Noha Osama Mansour
Course co-coordinator:	Dr. Noha Osama Mansour
External evaluator:	Doaa Hamed Yousef
Date of Department Council Approval	May 2022
Date of Faculty Council Approval	

**B. Statistical Information:**

No. of students attending the course: 1					
No. of students completing the course: 1					
<u>Exam Results</u>					
Passed No.: 1		percentage: 100 %			
Failed No.:		percentage: 0			
Grading of successful students (%):					
A+	100 %	A		A-	
B+		B		B-	
C+		C		C-	
D+		D		D-	



### C. Professional Information:

#### 1. Course teaching:

No.	Topics taught
1.	Introduction To Clinical Pharmacokinetics
2.	IV administration of drugs.
3.	Oral administration of drugs.
4.	Continuous IV infusion.
5.	Two compartmental model of pharmacokinetics.
6.	Special populations (Drug PK/dosing and hepatic function)
7.	Antibiotics (Aminoglycosides & Vancomycin)
8.	Cardiovascular agents (Digoxin)
9.	Anticonvulsants (phenytoin)
10.	Lithium

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

√ > 90 %	70 - 90 %	< 70 %
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#### Lecturers' commitment of the course content:

√ > 90 %	70 - 90 %	< 70 %
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#### Coverage of exam topics to course content:

√ > 90 %	70 - 90 %	< 70 %
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#### 2. Used teaching and Learning Methods:

Lectures:	Data show- power point presentation
Practical Training/ Laboratory:	Data show- power point presentation

#### 3. Student Assessment:

a. Method of Assessment	Percentage of total
Written examination	90 %



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Oral examination	10 %
Practical / laboratory work	

**b. Members of examination committee:**

1. Prof. Mohamed E. Shams
2. Dr. Noha Osama Mansour

**c. Role of external evaluator (If any):**

1. Revision of course contents, and suggest new topics.
2. Revision of teaching and learning strategy.
3. Revision of course notes and suggest enhancement plan
4. Revision of Exam and related assignments

**4. Facilities and Teaching Materials**

Totally adequate	√
Adequate to some extent	
Inadequate	
List any inadequacies:	

**5. Administrative constraints**

List any difficulties encountered: N/A

**6. Student evaluation of the course: Very good**

List any criticisms and response of course team

Criticisms	response of course team
N/A	-



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**7. Comments from external evaluator(s) (if exists) and response of course team:**

Comment	Response
N/A	-

**8. Course enhancement suggestions:**

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

Action	Completed	Not completed	Why not completed?
Upgrading teaching strategy	√		

**9. Action plan for academic year 2021 - 2022:**

Action Required	Person responsible	Completion Date
Updating course contents	Staff members who teach the course	October 2022

	Name	Signature
Course Coordinator	Dr. Noha Osama Mansour	
Head of the Department	Prof. Mohamed E. Shams	