



STUDENT'S POTFOLIO FOR FIELD TRAINING

كلية صيدلة جامعة دمنهور

Student Name:

Student program:.....

Student ID:.....

Pharmacy Name:

Introduction

- This portfolio represents a guide for the Field Training at Faculty of Pharmacy, Damanhour University. It is intended to be used as a planning tool, guide, and reference for preceptors and students.

General Information

- Pharmaceutical field training is a supervised pharmacy experience in pharmacy setting. Through observation and practice, students will develop and explore their roles in pharmacy practice. Students have the opportunity to provide patient oriented drug therapy education to a diverse patient population, with an emphasis on effective communication with patients and the other members of the health care community. Through this supervised experience, the student will be able to apply concepts from theoretical courses to situations which daily challenge the pharmacist.

Aim of the training:

- Providing students with knowledge, skills and abilities needed to practice the pharmacy profession effectively.
- Exposing the students to the different pharmaceutical settings where they are going to practice after graduation

Training objectives

DOMAIN 1- FUNDAMENTAL KNOWLEDGE

1-1- COMPETENCY

Integrate knowledge from basic and applied pharmaceutical and clinical sciences to standardize materials, formulate and manufacture products, and deliver population and patient-centered care.

KEY ELEMENTS

1-1-1 -Demonstrate understanding of knowledge of pharmaceutical, biomedical, social, behavioral, administrative, and clinical sciences.

1-1-2 -Utilize the proper pharmaceutical and medical terms, abbreviations and symbols in pharmacy practice.

1-1.3 -Articulate knowledge from fundamental sciences to explain drugs' actions and evaluate their appropriateness, effectiveness, and safety in individuals and populations.

1-1-4 -Retrieve information from fundamental sciences to solve therapeutic problems.

1-1-5- Utilize scientific literature and collect and interpret information to enhance professional decisions.

DOMAIN 2: PROFESSIONAL AND ETHICAL PRACTICE

2-1- COMPETENCY

Work collaboratively as a member of an inter-professional healthcare team to improve the quality of life of individuals and communities and respect patients' rights.

KEY ELEMENTS

2-1-1 Perform responsibilities and authorities in compliance with the legal and professional structure and role of all members of the health care professional team.

2-1-2 Adopt ethics of health care and pharmacy profession respecting patients' rights and valuing people's diversity.

2-1-3 Recognize own personal and professional limitations and accept the conditions of referral to or guidance from other members of the health care team.

2-3 -COMPETENCY

Handle and dispose biological and synthetic/natural pharmaceutical materials/products effectively and safely with respect to relevant laws and legislations.

KEY ELEMENTS

2-3-1 Handle, identify, and dispose biologicals, synthetic/natural materials, biotechnology-based and radio-labeled products, and other materials/products used in pharmaceutical field.

2-3-2 Recognize and adopt ethical, legal, and safety guidelines for handling and disposal of biological and pharmaceutical materials/products.

DOMAIN 3: PHARMACEUTICAL CARE

3-2 -COMPETENCY

Provide counseling and education services to patients and communities about safe and rational use of medicines and medical devices.

KEY ELEMENTS

3-2-1 Integrate the pharmacological properties of drugs including mechanisms of action, therapeutic uses, dosage, contra-indications, adverse drug reactions and drug interactions.

3-2-2 Apply the principles of clinical pharmacology and pharmacovigilance for the rational use of medicines and medical devices.

3-2-3 Provide evidence-based information about safe use of complementary medicine including phytotherapy, aromatherapy, and nutraceuticals.

3-2-4 Provide information about toxic profiles of drugs and other xenobiotics including sources, identification, symptoms, and management control.

3-2-5 Educate and counsel patients, other health care professionals, and communities about safe and proper use of medicines including OTC preparations and medical devices.

3-2-6 Maintain public awareness on social health hazards of drug misuse and abuse.

DOMAIN 4: PERSONAL PRACTICE

4-1- COMPETENCY

Express leadership, time management, critical thinking, problem solving, independent and team working, creativity and entrepreneurial skills.

KEY ELEMENTS

4.1.1 .Communicate with other health care team members to deliver certain drug information to them in a professional way.

4.1.2 Retrieve information from different information sources.

4-2- COMPETENCY

Effectively communicate verbally, non-verbally and in writing with individuals and communities.

KEY ELEMENTS

4.2.1 .Transfer public awareness of rational use of drugs and social health hazards of drug abuse and misuse.

4.2.2. Use different computer software for pharmacy management, calculations, etc.

Training policies and procedures Duration of training

- Training is made up of 100 hours during the summer vacation.
- Training should start during summer vacation after completion of the third year of PharmD course.

- Attendance is Mandatory. Faculty members will communicate to the training sites during training to discuss progress to facilitate student learning and resolve any emergent issues.

Pharmacist Preceptor Responsibilities

- Assume primary responsibility for the students.
- The preceptor is the primary course instructor, and will evaluate the pharmacy training activities.
- Provide orientation and definition of activities.
- Provide an atmosphere and create opportunities for students to accomplish the stated goals and objectives.
- Prepare and conduct discussion sessions of selected patient care topics to expand the student's knowledge base and experiences.
- Provide students with frequent and specific feedback on performance, including written evaluations with identification of strengths, weaknesses and progress toward the stated goals and objectives.

Student Responsibilities

- Exhibit a professional appearance in both manner and dress and adhere to the standards of behavior and dress specified by the preceptor to whom they are assigned.
- Be responsible for adhering to the time schedule agreed upon with the preceptor.
- Be familiar with routine procedural tasks performed in the pharmacy.
- Realize that to optimize the learning experience, mutual courtesy and respect is necessary between students and preceptor
- Respect all confidences revealed to them during the training, including pharmacy records, patient profiles, fee systems and professional policies.
- Students MUST not make decisions without the knowledge of the Preceptor, particularly in regard to prescription dispensing, and patient counseling.

Instructions to the Students

1. Get permission from the pharmacist preceptor before you start preparing the lists in this portfolio.
2. Discuss with the preceptor regarding completing each task.
3. DO NOT COMPELL patients to participate in an interview.

4. Enter all the details clearly without mistakes and notice that marks may be reduced for spelling mistakes.
5. Use additional sheets for writing, if required, and attach them to the same page of the task concerned.
6. DO NOT COPY from other students and in case of copying from other students, BOTH WILL GET ZERO MARKS at that task.
7. DO NOT REWRITE THE SAME DATA for similar tasks.
8. Get the signature of the preceptor after completion of each task.
9. The marks will NOT be awarded if the preceptor's signature and stamp are not present.

Training evaluations

Task	Marks
Perception's General Evaluation (attendance, communication skills,...)	25
Perception's Portfolio Evaluation	25
Academic Supervisor's Portfolio Evaluation	40
Academic Supervisor's Oral Evaluation	10
Total	100

- 60% of the marks are required for the student to pass the field training.

<u>Examples of drug classes</u>	
Abdominal pain	Controlled drugs
Acne	Cough
Adrenergic agonists	Diarrhea
Adrenergic antagonists	Estrogen agonist or antagonist
Analgesic	Fever
Androgen agonist or antagonist	Headache
Anemia	Heart failure
Angina	Hyperlipidemia
Antihistamine	Hypertension
Arrhythmia	Infection
Asthma	Peptic ulcer
Burn	Shock
Cholinergic agonists	Skeletal muscle relaxants
Cholinergic antagonists	Thyroid disorders
CNS depressants	Type II diabetes
CNS stimulants	Type I diabetes
Constipation	Other classes

Online resources

EGYPTIAN KNOWLEDGE BANK (EKB)	https://www.ekb.eg/
U.S. FOOD & DRUG	https://www.fda.gov/drugs/drug-approvals-and-databases/approved-drug-products-therapeutic-equivalence-evaluations-orange-book?hl=en-GB
centers for Disease Control and Prevention CDC	https://share.google/dTAWolzV4zUiFMiKE
UpToDate	https://share.google/CVCNktNICNPxfzoqD
prescription drug information	https://share.google/PAT0KedrEVueHcIn9
Latest Medical News, Clinical Trials, Guidelines - Today on Medscape	https://share.google/RE4rOcVtOFSogVkdI
WebMD's A to Z Drug	https://share.google/6VHB6lhZKkZh3yD1K

DRUG ARRANGEMENT IN THE PHARMACY

This Pharmacy uses the following system for arranging drugs:

- For solid dosage forms:

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For liquid dosage forms:

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For topical dosage forms:

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For products requiring special storage temperature:

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Pharmacy
stamp

High Alert Medication

1. What are the high alert medications (Definition)?

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2. How are the high alert medication arranged in the pharmacy?

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3. Example of high alert medications in the pharmacy? (Give explanation for each drug why it has been classified as high alert medication?)

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Pharmacy
stamp

Scheduled Medication

1. What are scheduled medications (Definition)?

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2. How are the scheduled medication arranged in the pharmacy?

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**3. Example of schedule medications in the pharmacy? (Give explanation
Why has drug been classified as scheduled medication?)**

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Pharmacy
stamp

DRUG CLASSES AVAILABLE IN THE PHARMACY
(Pharmacological class 1:)

	Trade name	Active Ingredient	Dosage form	Uses
1				
2				
3				
4				
5				
6				

Detailed drug information

Adult dose

Mechanism of action (briefly)

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Adverse effects (ONLY TWO)

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Contraindications

Drug interactions (Any TWO)

Pregnancy & Lactation Labeling Rules Class (PLLR Class):

Pregnancy.

Lactation

Females and Males of Reproductive Potential.

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**Pharmacy
stamp**

DRUG CLASSES AVAILABLE IN THE PHARMACY
(Pharmacological class 2:)

	Trade name	Active Ingredient	Dosage form	Uses
1				
2				
3				
4				
5				
6				

Detailed drug information

Adult dose

Mechanism of action (briefly)

.....

Adverse effects (ONLY TWO)

.....

Contraindications

Drug interactions (Any TWO)

Pregnancy & Lactation Labeling Rules Class (PLLR Class):

Pregnancy.

Lactation

Females and Males of Reproductive Potential.

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**Pharmacy
stamp**

DRUG CLASSES AVAILABLE IN THE PHARMACY
(Pharmacological class 3:)

	Trade name	Active Ingredient	Dosage form	Uses
1				
2				
3				
4				
5				
6				

Detailed drug information

Adult dose

Mechanism of action (briefly)

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Adverse effects (ONLY TWO)

Contraindications

Drug interactions (Any TWO)

Pregnancy & Lactation Labeling Rules Class (PLLR Class):

Pregnancy

Lactation

Females and Males of Reproductive Potential.

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**Pharmacy
stamp**

DRUG CLASSES AVAILABLE IN THE PHARMACY
(Pharmacological class 4:)

	Trade name	Active Ingredient	Dosage form	Uses
1				
2				
3				
4				
5				
6				

Detailed drug information

Adult dose

Mechanism of action (briefly)

.....

Adverse effects (ONLY TWO)

Contraindications

Drug interactions (Any TWO)

Pregnancy & Lactation Labeling Rules Class (PLLR Class):

Pregnancy.....

Lactation

Females and Males of Reproductive Potential.

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**Pharmacy
stamp**

DRUG CLASSES AVAILABLE IN THE PHARMACY
(Pharmacological class 5:)

	Trade name	Active Ingredient	Dosage form	Uses
1				
2				
3				
4				
5				
6				

Detailed drug information

Adult dose

Mechanism of action (briefly)

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Adverse effects (ONLY TWO)

Contraindications

Drug interactions (Any TWO)

Pregnancy & Lactation Labeling Rules Class (PLLR Class):

Pregnancy

Lactation

Females and Males of Reproductive Potential.

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**Pharmacy
stamp**

DRUG CLASSES AVAILABLE IN THE PHARMACY
(Pharmacological class 6:)

	Trade name	Active Ingredient	Dosage form	Uses
1				
2				
3				
4				
5				
6				

Detailed drug information

Adult dose

Mechanism of action (briefly)

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Adverse effects (ONLY TWO)

Contraindications

Drug interactions (Any TWO)

Pregnancy & Lactation Labeling Rules Class (PLLR Class):

Pregnancy

Lactation

Females and Males of Reproductive Potential.

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**Pharmacy
stamp**

DRUG CLASSES AVAILABLE IN THE PHARMACY
(Pharmacological class 7:)

	Trade name	Active Ingredient	Dosage form	Uses
1				
2				
3				
4				
5				
6				

Detailed drug information

Adult dose

Mechanism of action (briefly)

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Adverse effects (ONLY TWO)

Contraindications

Drug interactions (Any TWO)

Pregnancy & Lactation Labeling Rules Class (PLLR Class):

Pregnancy

Lactation

Females and Males of Reproductive Potential.

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**Pharmacy
stamp**

DRUG CLASSES AVAILABLE IN THE PHARMACY
(Pharmacological class 8:)

	Trade name	Active Ingredient	Dosage form	Uses
1				
2				
3				
4				
5				
6				

Detailed drug information

Adult dose

Mechanism of action (briefly)

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Adverse effects (ONLY TWO)

Contraindications

Drug interactions (Any TWO)

Pregnancy & Lactation Labeling Rules Class (PLLR Class):

Pregnancy

Lactation

Females and Males of Reproductive Potential.

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**Pharmacy
stamp**

DRUG CLASSES AVAILABLE IN THE PHARMACY
(Pharmacological class 9:)

	Trade name	Active Ingredient	Dosage form	Uses
1				
2				
3				
4				
5				
6				

Detailed drug information

Adult dose

Mechanism of action (briefly)

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Adverse effects (ONLY TWO)

Contraindications

Drug interactions (Any TWO)

Pregnancy & Lactation Labeling Rules Class (PLLR Class):

Pregnancy

Lactation

Females and Males of Reproductive Potential.

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**Pharmacy
stamp**

DRUG CLASSES AVAILABLE IN THE PHARMACY
(Pharmacological class 10:)

	Trade name	Active Ingredient	Dosage form	Uses
1				
2				
3				
4				
5				
6				

Detailed drug information

Adult dose

Mechanism of action (briefly)

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Adverse effects (ONLY TWO)

Contraindications

Drug interactions (Any TWO)

Pregnancy & Lactation Labeling Rules Class (PLLR Class):

Pregnancy

Lactation

Females and Males of Reproductive Potential.

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**Pharmacy
stamp**

Participate in drug dispensing 1 (prescriptions).

The steps/procedure done after receiving the prescription? (Write them in the exact order)

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What were the drugs dispensed in this prescription by the pharmacist preceptor?

Trade name	Generic name	Dosage form	Strength	Therapy regimen	Indication for use	Instruction

Specialty of physician.....

**Pharmacy
stamp**

Participate in drug dispensing 2 (prescriptions).

The steps/procedure done after receiving the prescription? (Write them in the exact order)

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What were the drugs dispensed in this prescription by the pharmacist preceptor?

Trade name	Generic name	Dosage form	Strength	Therapy regimen	Indication for use	Instruction

Specialty of physician.....

**Pharmacy
stamp**

Participate in drug dispensing 3 (prescriptions).

The steps/procedure done after receiving the prescription? (Write them in the exact order)

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What were the drugs dispensed in this prescription by the pharmacist preceptor?

Trade name	Generic name	Dosage form	Strength	Therapy regimen	Indication for use	Instruction

Specialty of physician.....

**Pharmacy
stamp**

Participate in drug dispensing 4 (prescriptions).

The steps/procedure done after receiving the prescription? (Write them in the exact order)

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What were the drugs dispensed in this prescription by the pharmacist preceptor?

Trade name	Generic name	Dosage form	Strength	Therapy regimen	Indication for use	Instruction

Specialty of physician.....

**Pharmacy
stamp**

Participate in drug dispensing 5 (prescriptions).

The steps/procedure done after receiving the prescription? (Write them in the exact order)

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What were the drugs dispensed in this prescription by the pharmacist preceptor?

Trade name	Generic name	Dosage form	Strength	Therapy regimen	Indication for use	Instruction

Specialty of physician.....

**Pharmacy
stamp**

Participate in drug dispensing 6 (prescriptions).

The steps/procedure done after receiving the prescription? (Write them in the exact order)

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What were the drugs dispensed in this prescription by the pharmacist preceptor?

Trade name	Generic name	Dosage form	Strength	Therapy regimen	Indication for use	Instruction

Specialty of physician.....

**Pharmacy
stamp**

Participate in drug dispensing 7 (prescriptions).

The steps/procedure done after receiving the prescription? (Write them in the exact order)

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What were the drugs dispensed in this prescription by the pharmacist preceptor?

Trade name	Generic name	Dosage form	Strength	Therapy regimen	Indication for use	Instruction

Specialty of physician.....

**Pharmacy
stamp**

Participate in drug dispensing 8 (prescriptions).

The steps/procedure done after receiving the prescription? (Write them in the exact order)

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What were the drugs dispensed in this prescription by the pharmacist preceptor?

Trade name	Generic name	Dosage form	Strength	Therapy regimen	Indication for use	Instruction

Specialty of physician.....

**Pharmacy
stamp**

Participate in drug dispensing 9 (prescriptions).

The steps/procedure done after receiving the prescription? (Write them in the exact order)

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What were the drugs dispensed in this prescription by the pharmacist preceptor?

Trade name	Generic name	Dosage form	Strength	Therapy regimen	Indication for use	Instruction

Specialty of physician.....

**Pharmacy
stamp**

Participate in drug dispensing 10 (prescriptions).

The steps/procedure done after receiving the prescription? (Write them in the exact order)

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What were the drugs dispensed in this prescription by the pharmacist preceptor?

Trade name	Generic name	Dosage form	Strength	Therapy regimen	Indication for use	Instruction

Specialty of physician.....

**Pharmacy
stamp**

Participate in drug dispensing 11 (prescriptions).

The steps/procedure done after receiving the prescription? (Write them in the exact order)

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What were the drugs dispensed in this prescription by the pharmacist preceptor?

Trade name	Generic name	Dosage form	Strength	Therapy regimen	Indication for use	Instruction

Specialty of physician.....

**Pharmacy
stamp**

Participate in drug dispensing 12 (prescriptions).

The steps/procedure done after receiving the prescription? (Write them in the exact order)

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What were the drugs dispensed in this prescription by the pharmacist preceptor?

Trade name	Generic name	Dosage form	Strength	Therapy regimen	Indication for use	Instruction

Specialty of physician.....

**Pharmacy
stamp**

Perception 's General Evaluation

Description	Weightage	Points
Attendance	10	
Communication Skills	5	
Behavioral skills	5	
Technology skills	5	
Total Points	25	

Perception's Portfolio Evaluation

Description	Weightage	Points
Student wrote compliance and valuable information	10	
Student wrote and acquired objective information	5	
Student acquired important skills	5	
Student acquired the needed competencies	5	
Total points	25	

Perception signature

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Pharmacy stamp

Academic Supervisor's Portfolio Evaluation

Description	Weightage	Points
Student wrote compliance information	10	
Student wrote objective information	10	
Student wrote all the information required	10	
Student wrote valuable information	10	
Total points	40	

Academic Supervisor's Oral Evaluation

Description	Weightage	Points
Student acquired all information required	5	
Student acquired the needed competencies	5	
Total points	10	

Academic signature

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