

University: Mansoura

Faculty: Nursing

Program: Master of Nursing Science in Gerontological Nursing

Department: Gerontological Nursing

Course specifications

1-Basic Information

Code: MSP 11	Course Title: Pharmacology for the elderly فارماكولوجيا المسنين	year/level: Master 2013-2014
Hours 2 hrx32 theory	Total : 64 hrs	
Specialty :	Gerontological nursing	

2-Course objective:

At the end of this course the student will acquire the essential knowledge related to appropriate use of drugs for elderly

3- Intended learning Outcomes (ILOs):

A-Knowledge and Understanding:	A.1-Recognize basic terminology related to pharmacology A.2-Clarify impact of aging on pharmacology of drugs A.3-Explain principles of geriatric pharmacology A.4-Discuss anti- hypertensive drugs. A.5- State hypoglycemic drugs. A.6- Describe anti-hyper lipidemic drug.. A.7- Explain Cardiovascular medications. A.8- Recognize Alzheimer drugs. A.9-Classify analgesic drugs A.10-Discuss polypharmacy in elderly
B-Intellectual Skills:	B1. Categorize antihypertensive drugs B2. Differentiate between action of each

	<p>hypoglycemic agent</p> <p>B3. Illustrate nursing precautions for antihypertensive drugs</p> <p>B4. Plan nursing action to decrease side effects of Alzheimer drugs</p> <p>B5. Formulate nursing intervention to overcome polypharmacy in elderly</p> <p>B6. Decide nursing action to reduce side effects of cardiovascular drugs</p> <p>B7. Differentiate between actions of different types of analgesics</p>
<p>C-Professional Skills:</p>	<p>-----</p>
<p>D-General and Transferable:</p>	<p>D1- Upgrade their knowledge about recent drugs for most common health problems in elderly</p> <p>D2–Synthesize information about most common drugs used in elderly from different data resources</p>
<p>4- Course Content:</p> <p>1- Introduction to pharmacology</p> <p>2-General principles of geriatric pharmacology</p> <p>3- Anti- hypertensive drugs</p> <p>4- Hypoglycemic drugs</p> <p>5 - Anti-hyper lipidemic drug</p> <p>6- Cardiovascular medications</p> <p>7- Alzheimer drugs</p> <p>8- Analgesic drugs</p>	

9- Polypharmacy in elderly	
5- Teaching and learning Methods:	
<input checked="" type="checkbox"/> Case study <input checked="" type="checkbox"/> Group discussion <input checked="" type="checkbox"/> Interactive learning	
6- Teaching and learning Methods of Students with Special need:	
Not Applicable	
7- Student Assessment Methods:	
A- Assessment Methods	Final written exam
Schedule	Assessment 1 Final written exam 33 th week
C- Weighting of Assessments	Final-Term Examination
	Total grade 50 grade 100%
8- List of references:	
B- Compulsory Books	
C-Recommended Books	1-Moore L and Crosby L. (2007): Pharmacology for Nursing Care. Philadelphia. Lippincott .William and Wilkins Company. 2 - Kuhn M. (2006): Pharmaco- therapeutics. A Nursing Process Approach. Philadelphia. Lippincott .William and Wilkins Company.
D- Periodicals, Web Sites,...etc	www.benzos.une.edu/. web.missouri.edu/~proste/drug/pharmacy.ppt www.flipkart.com/clinical-pharmacology-elderly- techniques-applications-book-0824776283. wichita.kumc.edu.

Head of Department: Prof Dr. Karima El Shamy

Course responsible: Dr. Aziza Mahmoud

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