

## SUBJECT TEACHING GUIDE

M1393 - Applied Research: Evidence-Based Health Care

Master's Degree in Health Care Research

Academic year 2022-2023

1. IDENTIFYING DATA					
Degree	Master's Degree in Health Care Research			Type and Year	Compulsory. Year 1
Faculty	Faculty of Nursing				
Discipline	RESEARCH MATERIAL APPLIED TO HEALTH CARE Methodological Module				
Course unit title and code	M1393 - Applied Research: Evidence-Based Health Care				
Number of ECTS credits allocated	6	Term	Semester based (2)		
Web					
Language of instruction	Spanish	English Friendly	No	Mode of delivery	Face-to-face

Department	DPTO. ENFERMERIA				
Name of lecturer	MIGUEL SANTIBÁÑEZ MARGÜELLO				
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Other lecturers	ANA ROSA ALCONERO CAMARERO JOSE MARIA CASTILLO OTI LAURA RUIZ AZCONA				

### 3.1 LEARNING OUTCOMES

- Developing a plan to improve health care from the perspective of advanced practice and evidence-based.
- Defining and solving problems using scientific evidence.

#### 4. OBJECTIVES

Contrast the different scientific methods of Health Technology Assessment.  
 To know the main Health Surveys and Clinical Practice Guidelines.  
 Critically interpret a scientific article.  
 Optimally interpret the scientific evidence provided through a systematic review and meta-analysis.  
 Develop the essential aspects of Evidence-Based Practice.  
 Identify strategies for the implementation of Evidence-Based Nursing.

#### 6. COURSE ORGANIZATION

##### CONTENTS

1	<p>Block I: Health care based on evidence.</p> <ol style="list-style-type: none"> <li>Critical reading of scientific articles.</li> <li>Classification of evidence for its design and utility. Review article. Meta-analysis.</li> <li>Evidence-Based Practice (EBP). Approach to scientific evidence. Definition, foundations, origins and history.</li> <li>Researching in diagnostic tests.</li> </ol> <p>Teaching methodology: Showroom through documentation and presentation using lecture demonstrations and seminars. written or oral contributions of students, individually and in groups, supervised by teachers. Preparation of papers, reports, seminars or workshops to present in class. Finding information for the preparation of the tasks entrusted. Bibliographic queries. Tutoring of students' work.</p>
2	<p>Block II: Applied Research.</p> <ol style="list-style-type: none"> <li>Strategies for the implementation of Evidence-Based Nursing (EBN).</li> <li>Clinical Practice Guides.</li> <li>Applied research. Practical examples.           <ul style="list-style-type: none"> <li>- Diabetic retinopathy program. From research question to intervention in Public Health.</li> <li>- Research from the point of view of Public, Environmental and Occupational Health. Studies on determinants of health.</li> </ul> </li> </ol> <p>Teaching methodology: Showroom through documentation and presentation using lecture demonstrations and seminars. written or oral contributions of students, individually and in groups, supervised by teachers. Preparation of papers, reports, seminars or workshops to present in class. Finding information for the preparation of the tasks entrusted. Bibliographic queries. Tutoring of students' work.</p>

#### 7. ASSESSMENT METHODS AND CRITERIA

Description	Type	Final Eval.	Reassessn	%
Continuous assessment.	Activity evaluation with Virtual Media	No	Yes	40,00
Final evaluation	Written exam	Yes	Yes	40,00
Attendance and participation.	Others	No	No	20,00
<b>TOTAL</b>				<b>100,00</b>
<b>Observations</b>				
Along each of the blocks different individual and group activities evaluation will be developed . Course is passed with an average score greater than or equal to 5 points on a scale of 0-10 points.				
<b>Observations for part-time students</b>				
Participation and attendance is not compulsory. 20% of this part will be distributed in the evaluation of the two blocks that integrate the course.				

## 8. BIBLIOGRAPHY AND TEACHING MATERIALS

### BASIC

- Argimón Pallás J M, Jiménez Villa J. Métodos de investigación clínica y epidemiológica. 3ª ed. Madrid: Elsevier, 2005.
- Burns, N. y Grove S. K. Investigación en Enfermería. 5º ed. Madrid: Elsevier, 2005.
- Day RA. Cómo escribir y publicar trabajos científicos. 4ª ed. Washington: OPS, 2008
- Gerrish, K. y Lacey, A. Investigación en enfermería. 5º ed. Madrid: McGrawHill, 2008.
- Polit, D. y Hungler, B. Investigación Científica: en ciencias de la salud. 6ºed. México: McGraw-Hill, 2000.