

GUÍA DOCENTE DE LA ASIGNATURA

Qualification: DEGREE IN NURSING Subject: EVIDENCE-BASED NURSING CARE (Cuidados de Enfermería basados en la evidencia)	Type: Elective Teaching timeline: 2nd term
Code: 28261	Language: English ECTS credits: 4.5 Year: 3
Subject Description and Context: This subject will support students to acquire competences in searching for evidence in relevant sources and to develop their critical reasoning and decision-making skills relative to the evidence identified. They will develop their ability to communicate their findings and conclusions such that they can bring evidence-based care into practice and generate more efficient and safer working environments.	
Entry Requirements/Recommendations Ability to read, write and converse in English. Students should ideally have reached B2 level under the Common European Framework of Reference for Languages.	

LECTURERS	Tel.	Email
Subject manager and lecturer: Susana Cariñanos Ayala	945 219003	susana_carinanos@ehu.eus
Lecturer: Jagoba Zarandona Calvo	945 219002	jagoba_zarandona@ehu.eus

SPECIFIC COMPETENCES

- C1. Making appropriate use of various professional information sources in the field of health.
- C2. Demonstrating decision-making which is based on the available scientific evidence and taking into account the resources and the characteristics of the application context.
- C3. Communicating ideas and knowledge in a clear, ordered and succinct manner and using professional language.

LEARNING OUTCOMES

- RA 1: Identifies a question related to their clinical practice and structures it using the PICO format.
- RA 2: Conducts an advanced search in suitable information sources based on their question.
- RA 3: Conducts a critical appraisal of a scientific article.
- RA 4: Knows strategies for disseminating and implementing scientific evidence.
- RA 5: Creates a poster to communicate search findings in a professional and scientific manner.
- RA 6: Presents a poster using appropriate verbal and non-verbal language, constructing coherent arguments and using nursing terminology.

CONTENTS

UNIT I: INTRODUCTION TO EVIDENCE-BASED PRACTICE

- 1.1 Stages of evidence-based practice
- 1.2 Limitations of evidence-based practice
- 1.3 Formulating clinical questions using PICO

UNIT II: SEARCHING FOR EVIDENCE

- 2.1 Information sources
- 2.2 Designing and conducting an evidence search
- 2.3 Searching databases: Medline, CINAHL, PsycINFO, Cochrane Library, TRIP, Scopus
- 2.4 Searching clinical practice guidelines
- 2.5 Bibliographic reference norms: Vancouver style, APA
- 2.6 Reference managers: Mendeley®

UNIT III: CRITICAL APPRAISAL

- 3.1 Qualitative designs: basic design concepts, biases, data analysis and critical appraisal instruments.
- 3.2 Observational designs: basic design concepts, biases, data analysis and critical appraisal instruments.
- 3.3 Experimental designs: basic design concepts, biases, data analysis and critical appraisal instruments.
- 3.4 Systematic reviews: stages and design, biases, data analysis (meta-analysis) and critical appraisal instruments.

UNIT IV: EVIDENCE-BASED DECISION-MAKING

UNIT V: DISSEMINATING RESEARCH RESULTS

- 5.1. Scientific journals
- 5.2. Professional forums: conferences and congresses

UNIT	TEACHING STAFF	LECTURE HOURS	WORKSHOP HOURS	TUTORIAL HOURS
1	Susana Cariñanos Ayala	2	0	2
	Jagoba Zarandona Calvo	2	0	
2	Susana Cariñanos Ayala	4	0	4
	Jagoba Zarandona Calvo	4	0	
3	Susana Cariñanos Ayala	0	4	0
	Jagoba Zarandona Calvo	0	4	
4	Susana Cariñanos Ayala	4	0	0
	Jagoba Zarandona Calvo	4	0	
5	Susana Cariñanos Ayala	0	2	8
	Jagoba Zarandona Calvo	0	2	
TOTAL		20	12	14

METHODOLOGY

1. Lectures
2. Workshops:
 - a. Evidence search
 - b. Critical appraisal
 - c. Preparing and presenting a scientific poster

IN-CLASS WORK (46 HOURS)		
Lectures	Workshops	Tutorials
20	12	14

INDEPENDENT STUDY (66,5 HOURS)		TOTAL	
Independent work		ECTS	4.5
66.5		HOURS	112.5

In the event that the teaching and/or evaluation activities cannot be conducted in-person or are suspended due to force majeure, the teaching will be delivered remotely using the university's resources. All modifications to the activities and evaluation criteria in this guide will be communicated to students with sufficient notice as per the criteria established by the University of the Basque Country/Euskal Herriko Unibertsitatea.

EVALUATION SYSTEMS

ORDINARY CALL: CONTINUOUS EVALUATION SYSTEM

The subject mark will be ascertained from the sum of the marks for each evaluation test.

- ASSIGNMENT 1 (25%): Evidence search
- WORKSHOPS (25%): Participation in critical appraisal workshops
- ASSIGNMENT 2 (50%): Poster

Students must score at least 5 out of 10 in each evaluation activity to pass the subject. Under this evaluation system, students must attend all scheduled classes (except where absence is justified under university rules).

COMPETENCES	LEARNING OUTCOMES	METHODOLOGY	EVALUATION ACTIVITY	% FINAL SCORE
C1	R1-R2	Masterclasses	Submission 1	25%
		Tutorial		
C2	R3	Workshops	Participation in all critical reading workshops	25%
C3	R4-R6	Tutorials	Poster	50%

Submission 1 and critical appraisal workshops: These evaluation activities will take place between academic weeks 16 and 23 and make up 50% of the total subject grade. Students who fail one of these two evaluation tests will be graded in the final evaluation system.

Poster: This test will take place during the official exam period established by the University of the Basque Country and makes up 50% of the total subject grade.

WITHDRAWAL FROM CONTINUOUS EVALUATION

Students will have the right to a final evaluation regardless of whether they participated in the continuous evaluation system. In this case, students must address their withdrawal from continuous evaluation in writing to the teacher who manages the subject within 9 weeks of the start of the term (art. 8, as per Official Basque Bulletin 2017/1311 of 13 March).

ORDINARY CALL: FINAL EVALUATION SYSTEM

Students who cannot take part in the continuous evaluation system or fail one of the continuous evaluation activities may prove that they have achieved the subject competences by taking a final test. The latter will comprise as many exams and activities as are necessary to evaluate and measure the defined learning outcomes and will make up 100% of the subject grade. This evaluation will take place during the official exam period (art. 8, as per Official Basque Bulletin 2017/1311 of 13 March). To pass this subject in the final evaluation system, students must score 50% or above in each evaluation activity. Otherwise, they will be graded as fail.

EXTRAORDINARY CALL FOR EVALUATION: RESITS

The final evaluation test in the resit session will comprise as many exams and evaluation activities as are necessary to evaluate and measure the defined learning outcomes and will make up 100% of the subject grade, as per art. 9 'Evaluation during resits' in the Official Basque Bulletin of 13/03/2017. Students who do not attend

the final evaluation test in the resit session will be considered as having withdrawn, as per art. 12 'Evaluation system' in the Official Basque Bulletin of 13/03/2017.

WITHDRAWAL FROM THE EXAM SESSION

Withdrawal from the exam session will result in students being graded as 'Did not attend'.

- For continuous evaluation, students may withdraw from exams up to one month before the end of the teaching period for the subject. Their withdrawal should be made in writing to the subject manager.
- For final evaluation, failure to attend the scheduled test in the official exam period will result in automatic withdrawal from the exam session and the student in question being graded 'Did not attend'.

INFORMATION SOURCES

Core bibliography

- * Bettany-Saltikov J, Mcsherry R. How to do a systematic literature review in nursing: a step-by-step guide. London: McGraw-Hill Education; 2016.
- * Melnyk B, Fineout-Overholt E. Evidence-based Practice in Nursing & Healthcare: A Guide to Best Practice. 3rd ed. Philadelphia: Wolters Kluwer Health; 2015.
- * Williamson GR, Whittaker A. Succeeding in literature reviews and research project plans for nursing students. 3rd Ed. London: SAGE; 2017.

Relevant websites

- * Carlos III Institute Research Group: www.isciii.es/investen
- * Institute for the Practice of Evidence-Based Healthcare
- * http://www.isciii.es/htdocs/redes/investen/Best_Practice.htm
- * Best Practice Guidelines translated. Registered Nurses' Association of Ontario. <http://nao.ca/bpg/language>
- * Clinical Practice Guidelines Library of the National Health system
- * Joanna Briggs Institute. Clinical On-line Network of Evidence for Care & Therapeutics.
- * NHS Evidence: <http://www.evidence.nhs.uk/>
- * PREEVID: <https://www.murciasalud.es/preevid.php>

COMMENTS

Documentation related to the subject will be made available to students on eGela at the start of the course. As per the agreement reached by the Degree Committee of the University of the Basque Country on May 24th 2018, students must pass this subject before enrolling on the fourth-year practicals.

TUTORIALS

Requests for tutorials with the subject teaching staff should be sent by email to the corresponding teacher. Tutorials are not intended to substitute class attendance and will be regulated by the support tutorials procedure available on the Nursing School website.

PLAGIARISM

Any evidence of plagiarism in the evaluation tests or other activities, whether under continuous or final evaluation, will result in the student being graded 0 in that sitting.

TUTORIALS

Requests for tutorials with the lecturers should be sent by email to the subject manager.