SANT PAU Campus Salut Barcelona · Campus d'Aprenentatge Sant Pau	**NURSING DEGREE – EUI SANT PAU**	EUI-SANT PAU Centre adscrit a la UAB

Teaching Guide of the subject — Year 2026 - 2027

NURSING CARE FOR PACIENTS WITH CARDIOVASCULAR CONDITIONS

Code: 108552
ECTS credits: 6

Qualification	*Types*	*Course*	*Semester*
2500891 Nursing	**OT**	**4**	**Annual**

Contact	*Use of languages*
Responsible: Romero Pastor, Mònica mromeropa@santpau.cat **Teaching staff:** Romero Pastor, Mònica mromeropa@santpau.cat Juncosa Paris, Adriana AJuncosaP@santpau.cat Lacueva Abad, Maria mlacueva@santpau.cat	• Group 1 : **Catalan**

Prerequisits

There are no official prerequisites, but it is recommended that students have prior knowledge of cardiac anatomy and pathophysiology, as well as an interest in the field of nursing care for the person with heart problems.

Contextualisation and objectives

This is an optional subject scheduled in the seventh semester of the Bachelor's Degree in Nursing.

The main purpose of this subject is to enable students to acquire the skills related to nursing care for people with heart problems by identifying and applying clinical practice guidelines and indicators of quality of nursing care.

Learning objectives of the subject

1. Identify the specific characteristics of the patient with heart problems, their family and the environment.
2. Analyze the nursing care process of patients with heart problems.
3. Apply evidence-based nursing care specific to patients with heart problems at all stages of their disease.
4. To show an analytical and reflective attitude in the care of cardiology patients.

Learning outcomes

DEGREE LEARNING OUTCOMES	ASSIGNATRUA LEARNING OUTCOMES
KT03. Define the fundamental concepts of health and well-being of individuals, their families or the community.	KM42. Describe situations of chronicity from a comprehensive perspective, identifying pathophysiological and care implications, and interpreting guidelines based on evidence, social context, diversity, health determinants and use of technologies in care management. (KT03)
ST04. To make clinical judgments, based on clinical and care practice guidelines and applying diagnostic and therapeutic reasoning in the provision of care.	SM51. Apply advanced, inclusive and evidence-based care plans to meet the needs of people with complex chronic diseases, integrating equity, regulations, quality, community approach, innovation, technology and person-centered models that guarantee comfort, safety and accompaniment (ST04)
CT02. Apply comfort measures and health technologies in the final stage of people's lives, in home, health and social environments.	CM44. Design advanced, inclusive and person-centered care plans that respond to the needs of people with complex chronic diseases, integrating innovation, technology, community approach, respect for ethical values, active participation, therapeutic communication and emotional support (CM45)

Contents

MODULE 1. Introduction to caring for people with impaired heart health.
Topic 1. Epidemiology of heart diseases. Master Plan for Cardiology in Catalonia.
Topic 2. Nursing roles and profiles in cardiovascular diseases.
Theme 3. Pharmacology and cardiology.

MODULE 2. Nursing care for the person with heart problems.
Topic 4. Nursing care for the person with ischemic disease.
Topic 5. Nursing care for the person with heart failure.
Topic 6. Nursing care for the person in the cardiological emergency.
Topic 7. Nursing care for the chronic and end-of-life person.
Topic 8. Nursing care for the person with heart rhythm disorders.

MODULE 3. Nursing care in other cardiac health disorders.
Topic 9. Nursing care for the person undergoing cardiac surgery.
Topic 10. Nursing care for the person with pericarditis and cardiac tamponade.
Topic 11. Nursing care for the person with valvular alterations: Endocarditis.

Methodology

The methodological approach of the subject considers the student, as the protagonist of the teaching-learning process, being active throughout this process. The student, during the subject, combines theory

and seminars to be able to practice the knowledge acquired in the theoretical modules. The subject has a blog for the purpose of information, work and management of the material of the subject.

Directed activities:
Theory: the subject has a single theory group. In order to encourage active participation, students are provided with articles and working documents so that they can study prior to classes.
The theoretical class (TE) is used as a fundamental teaching methodology, developing active listening and exposition, and classroom practices (PAUL) with discussion and carrying out exercises and activities in groups or individually.

Supervised activities:
Group work and tutorials: Students carry out activities related to the syllabus, based on the analysis of articles and the resolution of cases. For the development of the activities, an indicative script is proposed and a tutored follow-up is carried out.

The presentation of the activities must follow the regulations for the presentation of works of the EUI. They will be delivered in electronic format through the virtual classroom, and students will make an oral presentation.

The table below shows the planning of directed, supervised and autonomous activities:

Training activities[1]

Activity	Hours	ECTS	Learning Outcomes
Type: Directed Theory (TE): Classroom practices (PAUL):	**45** *4*	**1,80**	 *KM42, SM51,*
Type: Supervised Tutorials:	**1**	**0,04**	*KM42,SM51,CM44*
Type: Autonomous . Reading articles/reports of interest. . Personal study. . Bibliographic queries and documents. . Preparation of works.	**90**	**3,60**	*KM42,SM51,CM44*

Evaluation

The assessment should make it possible to verify the level of learning achieved, taking into account the objectives and learning outcomes of the programme.

[1] *The teaching staff will allocate approximately 15 minutes once the subject is finished to allow that their students can answer the assessment surveys on teaching and subject.*

Students have one call per academic year, to pass the subject.

Academic progression and passing of the subject is assessed through:

Continuous assessment

The objective of continuous assessment is for students to be able to know their academic progress throughout their training process in order to allow them to improve it, as well as to verify the evolution and progress of learning.

Continuous and formative assessment is established through assessment activities distributed throughout the course, the weight and instruments of which are described below:

- **Group activity sheet** that is carried out during module II. The form must be submitted on the date indicated in the virtual classroom (20%)
- **Individual activity sheet (Written test in the classroom).** The activities are carried out during module II (35%)
- **Multiple-choice synthesis** test that is carried out at the end of modules I, II and III (45%)

In multiple-choice tests, the negative answers are according to the following formula:
x = hits – (errors / n-1), where *n* is the number of answer options.

The indications for group work are established by the teaching staff at the beginning of the course and the presentation of the same must follow the EUI regulations to be accepted.

The delay in delivery, maximum 24 hours, will be penalized by subtracting one point from the grade of the work.
Subsequent submissions will not be accepted.
The grade of the subject is given by the weighted sum of the grades obtained in these tests, from a minimum grade of 5 in each of them.

Feedback on the results of the evaluation tests will be made through the classroom and tutorials if necessary.
The evaluation rubric of the work is available in the virtual classroom.

Qualification

- 0 to 4.9: Suspense
- 5.0 to 6.9: Passed
- 7,0 a 8,9: Notable
- 9.0 to 10: Excellent (in the event that the student has obtained a grade equal to or greater than 9, he/she may opt, at the discretion of the teacher, for an honors degree).

Single assessment

1. In this subject they must attend the classroom on the day/days that are scheduled for group work.

2. The date of the single test will coincide with the date of the last continuous assessment test that appears in the daily programme and in the calendar of training and assessment activities.

3. The single assessment will consist of:
    - Test 1 which will consist of an **objective multiple-choice test** and weights 50 **%.**
    - Test 2 which will consist of a **case resolution test** and weights 30 **%.**
    - Test 3 which will consist of a case resolution test and weights 20%.

Recovery activity

1. A single date is determined for the recovery activity for all students, whether or not they are subject to single assessment.
2. A recovery activity is proposed to students who have been previously evaluated by a set of activities whose minimum weight is equivalent to 2/3 of the total grade of the subject and who have obtained a final grade of less than 5 and greater than 3.5.
3. This test will consist of an evaluation activity of the recoverable test(s) not passed.
4. The recovery tests will be determined by the teaching staff.
5. Teachers may exclude from the recovery process those activities that, due to their nature, they consider to be not recoverable.
6. In the event that the student passes the retake test corresponding to the failed part, the maximum grade of this will be a 5.
7. The retake grade will replace the grade originally obtained and the final weighted grade will be recalculated.
8. Once the subject has been passed, it cannot be subject to a new evaluation.

No avaluable

It is considered that the subject will not be assessable when one of these circumstances is met:

1. Not having delivered any of the continuous assessment activities provided for in the teaching guide.
2. Not having attended any of the practical or compulsory sessions, when these are necessary to assess learning outcomes and as indicated in the teaching guide.
3. Not having taken the final test (exam, written or oral test, work defense, etc.), if
   This represents an essential percentage of the grade.
4. Not having completed the minimum required participation in training activities (for example, seminars, presentations, forums, etc.), when these are part of the evaluation.
5. Not having submitted the final project or compulsory project, if this constitutes a central evidence of
   learning of the subject.

Review of the final grade

Once the final grade has been published, the student can request the revision of the final exam within the established period. Review requests are not accepted on dates outside of this period.

Procedure in case of copying / plagiarism

1. Copying **or plagiarism** in any type of evaluation activity constitutes a crime, and will be penalized with

a 0 as a grade for the subject, losing the possibility of recovering it, whether it is an individual or group work (in this case, all members of the group will have a 0).

2. If, during the completion of an individual assignment in class, the teacher considers that a student is trying to copy or is discovered some type of document or device not authorized by the teacher, the same will be graded with a 0, without the option of recovery, and therefore, the subject will be suspended.

3. A work, activity or exam will be considered to be "copied" when it reproduces all or a significant part of the work of oneself, another classmate.

4. A work or activity will be considered "plagiarized" when a part of a text by an author is presented as one's own without citing the sources, regardless of whether the original sources are in paper or digital format.

The use of Artificial Intelligence (AI) technologies

The use of Artificial Intelligence (AI) technologies is regulated according to the type of work to be carried out:

1. In the event that the work aims at personal reflection and meaningful learning by the student, **the use of AI technologies is prohibited** in any of its phases of completion.
   Any work that includes AI-generated fragments (e.g. abstracts, translations, text writing or image creation) will be considered a lack of academic honesty and may lead to a partial or total penalty in the grade of the activity, as well as greater penalties in cases of seriousness.

2. In other works, **the restricted use of AI technologies is allowed** exclusively in those support tasks, such as bibliographic or information searches, proofreading, translations, and other specific situations that are indicated. In these cases, the student will have to clearly identify which parts have been generated with this technology, specify the tools used and include a critical reflection on how they have influenced the process and the final result of the activity. The non-transparency of the use of AI in this assessable activity will be considered a lack of academic honesty and may lead to a partial or total penalty in the grade of the activity, as well as greater sanctions in cases of severity.

In any case, in the description of each assignment, the teacher in charge will clearly indicate **whether the prohibited or restricted use of AI applies.**

Aspects of evaluation related to values and attitudes

1. The teacher may lower the grade of the subject between 1 and 2 points out of 10 to those students who repeatedly do not respect the indications on the rules of behavior in class.

2. "No lack of respect for classmates or teachers will be tolerated. Homophobic, sexist or racist attitudes will also not be tolerated. Any student in whom any of the attitudes described above are detected will be classified as having failed the subject."

Formal aspects of written work

In all activities (individual and group) linguistic correction, writing and formal presentation aspects will be taken into account.

Other considerations

1. All the evaluation tests will be published in the daily program and in the calendar of training and evaluation activities.

2. The date of the single test will coincide with the date of the last continuous assessment test.

3. Students who repeat the subject may request at the beginning of the course to carry out only one final synthesis assessment (article 117, page 46 of the Academic Regulations of the Universitat Autònoma de Barcelona (Approved by agreement of the Governing Council of 7 July 2022, and modified by agreement of the Governing Council of 1 February 2023).

   Students in second or more enrolment who have taken all the assessment tests in the previous year may opt to be assessed with a single synthesis assessment activity. This activity will consist of an exam at the end of the subject coinciding with the written exam of the subject. Students in second or more enrolment who wish to opt for the final exam must notify the teaching staff responsible for the subject in writing two weeks before the published date.

Evaluation activity

Activity	Weight	Hours	ECTS	Learning Outcomes
Case studies and problem solving: *Group activity sheet:* *Individual activity sheet*	 *20%* *35%*	**1**	**0,04**	*GROUP: SM51,CM44* *INDIVIDUAL:KM42,SM51,CM44*
Objective written test type test	*45%*	**2**	**0,08**	*KM42,SM51*

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To the program

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