

JUST A LOOK IN BREAST CANCER

Degree in Occupational Therapy

Year 2026-27

Code: 804312

Module 5: Complementary activity

Subject: JUST A LOOK IN BREAST CANCER

Subject type: Optative modal

Course: Fourth grade

Semester: Second quarter degree (03/02/2026-12/03/2027)

HOURS: WEDNESDAY-FRIDAY 15:30 h-17:30 h.

Department: Public and Maternal-Child Health. Obstetrics and Gynecology Teaching Unit

Credits: 3 ECTS

Online mode

Number of students: 50 students.

PROFESSORS

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COMPETENCIES

They correspond to the Module and Subject to which this subject belongs.

General competencies

CG.04, .05, .06, .13, .14, .15, .16, .17, .18, .19, .20, .21, .22, .23, .24, .31, .32 y .33.

Specific competencies

CEM3.01 y CEM3.02.

OBJECTIVES

The subject tries to respond to knowledge in the management of breast pathology, whether benign or malignant, with the purpose of knowing on clinical practice, the multidisciplinary protocols in breast cancer covering all its aspects: clinical, radiological, histological and treatment. A focus will be given on risk factors as well as the most current integrated treatments and management of survivors, with a look at fertility in breast cancer and the psychopathological aspects of the entity itself in women.

OBJECTIVES:

1. Anatomical knowledge, clinical history, breast pathology and a loco-regional examination of the breast.
2. Differential diagnosis between benign and malignant breast pathology.
3. Risks factors and familiars factors in breast cancer. Screening in breast cancer and earlu diagnosis. Environment and breast cancer.
4. Integrated and multidisciplinary therapeutic methods in the treatment of breast cancer, as well as its reconstructive techniques.
5. Management of survivors and their possible complications.
6. Fertility after breast cancer.

7. Psychopathological aspects of breast cancer
8. Attention to the patient with breast cancer in every part of the process.

UNITS

The subject will consist of different teaching units taught by teachers who are specialists in the subject.

Unit 1. Introduction and anatomical bases. Concept of multidisciplinary breast unit. Breast cáncer in today's society.

Unit 2. Anamnesis. Physical exploration. Differential diagnosis in breast pathology: benign and malignant tumor pathology.

Unit 3. Risk factors, screening and early diagnosis. Hereditary and familial breast cancer.

Breast cancer and the environment

Unit 4. The importance of nutrition in breast cancer

Unit 5. Body composition and breast cancer

Unit 6. Palpable breast nodule studies. Radiodiagnosis methods. Uses of breast MRI in breast pathology.

Unit 7: Cytopathological study of breast lesions. Histological classification of breast cancer.

Unit 8: Surgical treatment of breast cancer.

Unit 9: Breast reconstruction techniques.

Unit 10: Systemic therapy and adjuvant treatment in breast cancer.

Unit 11: Fertility and breast cancer.

Unit 12: Management of breast cancer survivors

Unit 13: Occupational therapy and breast cancer

Unit 14: Psychopathological aspects in breast cancer.

PRACTICES AND SEMINARS

The objective of practical teaching is to provide the student with knowledge of breast pathology and breast cancer management, and sufficient skill to be able to successfully undertake the exercise of their profession. The students will be trained in the different methods of diagnosis and treatment of breast cancer, as well as the differential diagnosis with benign pathology, as well as care in the different aspects of breast cancer.

Placing special emphasis on the importance of nutrition in the different phases of breast cancer, even before it appears. Nutrition has an important and specific role in oncology and is of great relevance in patients with breast cancer. In addition to having the application of occupational

therapy in breast cancer and its sequelae. In this way, the patient with breast cancer will be assessed from a more multidisciplinary, precise and personalized perspective.

Other objectives are to awaken research work in students and the completion of TFG related to the subject will be encouraged.

FORMAL ACTIVITY

Theoretical basis: 20 hours. 60% of class attendance is needed to pass the subject.

Practical basis: 10 hours. During the theoretical class there will be exposure and resolution of clinical cases. At the end of the course clinical cases will be presented for the grade of the subject by the students and will account for 40% of the grade.

Virtual campus and/or virtual tools

Non-face-to-face teaching of the subject. This subject will be taught in a non-face-to-face format, the contents of the program will be given in conventional format but narrated and recorded so that students can review it as many times as they consider necessary. Similarly, some students will be able to present on-line to their peers the clinical cases tutored and necessary to overcome the practical part of the subject.

In addition, e-mail, the Virtual Campus and online group and individual tutoring systems will be used.

The virtual tools to be used include Microsoft Teams Questionnaires and Readings.

TRAINING ACTIVITIES

Theoretical classes: 20 hours. Requires 60% attendance to pass the subject.

Practical classes: 10 hours. During the theoretical class will be exposure and clinical case resolution. At the end of the course, clinical cases will be presented for the grade of the subject by the students and will represent 40% of the grade, in case of individual work up to 20%.

TUTORIALS.

The student will arrange an appointment with the coordinators of the subject through the e-mail UCM (jbrenes@ucm.es), or with the secretariat of the Department of Public and Maternal and Child Health. (Tel. 913941521)

EVALUATION CRITERIA.

The assessment of the subject will consist of a theoretical part whose pass will be 60% of attendance to the online

classes and a practical part through the exposure of a clinical case that will account for 40% of the grade, in case of individual work up to 20% more.

A minimum of 60% attendance is required for the subject to pass.

For those students who have not justified their attendance to 60% of the classes, they will be able to access a final exam type non-face test, they will not be able to deliver individual or group work if the attendance is not met.

SUMMARY EVALUATION CRITERIA:

SUBJECT PASS: 60% minimum attendance.

NOTABLE OF 7-8: Attendance to 60% minimum of classes + individual work delivery of a clinical case.

SOBRESALIENTE OF 9-10: Attendance to 60% minimum of classes + group work performance and exposure that will be a clinical case. Mandatory attendance at the full day of presentation of cases to which he is assigned.

The presentation of clinical cases will take place in 2 shifts to be fixed at the beginning of the subject and will be in the week following the end of the theoretical classes.

The Council of the Department of Public and Maternal and Child Health, at its meeting on 14 March 2018, adopted the following agreement regarding possible fraudulent activities: "Both impersonation and copy, action or fraudulent activity during an exam will entail the suspension of the corresponding subject in this call. The use or presence of notes, textbooks, calculators, mobile phones, digital clocks or other means not expressly authorized by the teacher in the statement of the exam will be considered as a fraudulent activity. In any of these circumstances, the infringement may be the subject of the corresponding information file and, if applicable, sanction to the Services Inspectorate of the UCM.

- The Quality Commission, at its meeting on February 23, 2017, approved the attitude to be followed before a voluntary or accidental violation in the rules of conduct of the examination and before the suspicion of improper use of foreign texts in certain works.: "The voluntary or accidental violation of the rules of performance of the examination prevents the assessment of the same, so that the offending student will present to oral examination of the subject to establish his knowledge on the subject. If intentionality is confirmed in the deception, it will be considered very serious ethical misconduct, and it will be brought to the attention of the Services Inspectorate to take the disciplinary measures it deems appropriate.

- Any work that may be considered plagiarism or fraudulent will be invalidated and the Services

Inspectorate will be notified for appropriate disciplinary action."

BASIC REFERENCES

- MANUAL DE PRÁCTICA CLÍNICA EN SENOLOGÍA 2019. SESPM
- SIGNOS Y SÍNTOMAS EN PATOLOGÍA MAMARIA. Actitudes prácticas. SESPM
- ONCOGUÍA CÁNCER DE MAMA SEGO.
- GUÍAS NCCN, NICE, ESMO, ASCO.
- A. Barnadas, M. Algara, O. Córdoba, A. Casas, M. González, M. Marzo, A. Montero, M. Muñoz, A. Ruiz, F. Santolaya, T. Fernández. Recommendations for the follow-up care of female breast cancer survivors: a guideline of the Spanish Society of Medical Oncology (SEOM), Spanish Society of General Medicine (SEMERGEN), Spanish Society for Family and Community Medicine (SEMFYC), Spanish Society for General and Family Physicians (SEMG), Spanish Society of Obstetrics and Gynecology (SEGO), Spanish Society of Radiation Oncology (SEOR), Spanish Society of Senology and Breast Pathology (SESPM), and Spanish Society of Cardiology (SEC). Clin Transl Oncol Clin Transl Oncol. 2018 Jun;20(6):687-694. doi: 10.1007/s12094-017-1801-4