

**COURSE DATA****Data Subject**

<b>Code</b>	34381
<b>Name</b>	Medical-surgical nursing II
<b>Cycle</b>	Grade
<b>ECTS Credits</b>	6.0
<b>Academic year</b>	2018 - 2019

**Study (s)**

<b>Degree</b>	<b>Center</b>	<b>Acad. year</b>	<b>Period</b>
1200 - Grado de Enfermería	Faculty of Nursing and Chiropody	3	Other cases

**Subject-matter**

<b>Degree</b>	<b>Subject-matter</b>	<b>Character</b>
1200 - Grado de Enfermería	16 - Nursing in the life cycle	Obligatory

**Coordination**

<b>Name</b>	<b>Department</b>
BUIGUES GONZALEZ, CRISTINA	125 - Nursing
PEREZ DOLZ, FRANCISCO	125 - Nursing
PUCHAU PERIS, MARIA INES	125 - Nursing

**SUMMARY**



The scientific and technological advances has been the surgery since the nineteenth century to the present day with the socialization process of progressive surgical care, requires the surgical procedure and its context is played by a group of specially trained professionals, within which has an important role in the professional nursing staff its various facets of the area of surgery, operating rooms, special rooms and surgical resuscitation.

In the formation of Surgery Nursing want to guide students toward constructive learning, guiding learning towards understanding, and encouraging responsible use of strategic or knowledge as to enable the student and future professional to face problem solving or tasks actually new.

In the course of Nursing, explains the concepts that allow the student to understand the stages that crosses the surgical patient and the needs and problems resulting from surgery, as a basis for understanding the processes of action of nursing.

The theoretical program of Surgical Nursing VIII consists of teaching units which developed 45 topics. This program is structured into two main sections, one general, made up of units I, II and III in which you are introduced to the Nursing, being a fundamental building block and it is making contact the student with the new subject, with its general concepts, basic techniques and postoperative surgical major syndromes. These units comprise the three phases common to all surgery, the preoperative, perioperative and postoperative therefore be considered the most important unit and the basis for further surgical specialties.

Units IV to VIII are intended to train students in the knowledge of surgical problems and skin disorders, oncology, digestive, renal and cardiovascular systems.

## PREVIOUS KNOWLEDGE

### Relationship to other subjects of the same degree

There are no specified enrollment restrictions with other subjects of the curriculum.

### Other requirements

## OUTCOMES

### 1200 - Grado de Enfermería

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- Planificar y prestar cuidados de enfermería dirigidos a las personas, familia o grupos, orientados a los resultados en salud evaluando su impacto, a través de guías de práctica clínica y asistencial, que describen los procesos por los cuales se diagnostica, trata o cuida un problema de salud.



- Diseñar sistemas de cuidados dirigidos a las personas, familia, grupos y comunidad, orientados a los resultados en salud, evaluando su impacto y estableciendo las modificaciones oportunas.
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- Ser capaz de formular hipótesis, recolectar y valorar de forma crítica la información para la resolución de problemas aplicando, entre otros, el enfoque de género.
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- Conocer las alteraciones de salud del adulto, identificando las manifestaciones que aparecen en sus distintas fases. Identificar las necesidades de cuidado derivadas de los problemas de salud. Analizar los datos recogidos en la valoración, priorizar los problemas del paciente adulto, establecer y ejecutar el plan de cuidados y realizar su evaluación.
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- Know the use and suitability of health products linked to nursing care, paying special attention to differences according to age and gender.

## LEARNING OUTCOMES

1. Identify the different stages of surgery.
2. Relates the surgical stages with potential health problems.
3. Interpret the data collected at different times of the surgical process.
4. Prioritize attention to preoperative health problems, perioperative and postoperative.
5. Rate the importance of prevention and health education in surgical procedures.
6. Rate the surgical risk factors predisposing
7. Classifies surgery from the standpoint of infection
8. Identifies and knows the different types of drains.
9. Known factors that contribute to improving the quality of life in people with breast cancer.
10. Identify the different elementary lesions of the skin.
11. Classifies and assesses the types of burns.
12. Identify risk factors associated with skin cancer.
13. Meet the devices used in ostomy patients.
14. Identifies surgical semiotics.



## DESCRIPTION OF CONTENTS

### 1. ASSESSMENT AND TRAINING PREOPERATIVE CARE

- Item 1. Introduction to Nursing. Surgical Department.
- Item 2. Types of surgery. Operating room and surgical team.
- Item 3. Surgical Semiology
- Item 4. General preoperative
- Item 5. Surgical Risk
- Item 6. Thromboembolic risk
- Item 7. Risk of electrolyte imbalance in surgery.
- Item 8. Risk and prophylaxis for infections
- Item 9. Asepsis and antisepsis. Sterilization.

### 2. ASSESSMENT AND TRAINING PERIOPERATIVE CARE

- Item 10. Anesthesia I
- Item 11. Anesthesia II
- Item 12. Equipment and basic surgical instruments

### 3. ASSESSMENT AND POSTOPERATIVE CARE

- Item 13. Surgical patients in the immediate postoperative
- Item 14. Hemorrhage and hemostasis
- Item 15. Drains
- Item 16. Nutrition in surgical patients
- Item 17. Pain management in surgical patients.

### 4. NURSING CARE AND WELFARE PROGRAMS IN ONCOLOGY PATIENTS WITH PROBLEMS.

- Item 18. Surgical Oncology. Overview.
- Item 19. Assessment and care in patients with neoplastic breast problems.

### 5. NURSING CARE AND WELFARE PROGRAMS IN SURGICAL PATIENTS WITH DIGESTIVE PROBLEMS

- Ítem 20. Laparoscopic surgery
- Item 21. Theoretical basis of nursing care to patients with digestive problems I
- Item 22. Theoretical basis of nursing care to patients with digestive problems II
- Item 23. Bariatric surgery

### 6. ASSESSMENT, NURSING CARE AND WELFARE PROGRAMS IN PATIENTS WITH CUTANEOUS TISSUE PROBLEMS

- Item 24: Burns I.
- Item 25: Burns II.
- Item 26: Nursing assessment and care in patients with non-melanocytic and melanocytic neoplastic problems.
- Item 27: Surgical treatment and nursing care in the patient with non-melanocytic and melanocytic neoplastic problems



**7. EVALUATION AND NURSING CARE ASSISTANCE PROGRAMS IN PATIENTS WITH RENAL AND URINARY PROBLEMS.**

Item 28. Assessment and care in patients with neoplastic urinary tract problems.  
Item 29. Assessment and nursing care in patients with impaired elimination pattern

**8. NURSING CARE OF THE PATIENT WITH CARDIOVASCULAR SURGICAL PROBLEMS**

Item 30. Nursing assessment and care in patients with cardiac surgical disorders: bypass, cardiac tamponade.  
Item 31: Nursing assessment and care in the patient with arterial and venous surgical disorders.

**9. Ophthalmological and hearing problems**

Item 32: Nursing assessment in patients with ophthalmological alterations.  
Item 33: Nursing care in patients undergoing ophthalmological diagnostic techniques and tests.  
Item 34: ORL patient assessment. Nursing care in the main diagnostic and technical tests.  
Item 35: Nursing care in the patient with tracheostomy  
Otolaryngology

**WORKLOAD**

ACTIVITAT	Hours	% To be attended
Theory classes	76.00	100
Classroom practices	8.00	100
Laboratory practices	4.00	100
Tutorials	2.00	100
Attendance at events and external activities	2.00	0
Development of individual work	10.00	0
Study and independent work	20.00	0
Readings supplementary material	4.00	0
Preparation of evaluation activities	4.00	0
Preparing lectures	4.00	0
Preparation of practical classes and problem	8.00	0
Resolution of case studies	10.00	0
<b>TOTAL</b>	<b>152.00</b>	



## TEACHING METHODOLOGY

1. Theoretical classroom-mode: use the participative lecture, by the cooperative work in the resolution of clinical sessions.
2. Offer classroom and practical: students will have 8 hours of group practice mode P (30 students) that will use the methodology seminar and exhibition of collaborative work, and 4 hours of practical L (16 students) with simulations and case clinicians.

## EVALUATION

- 1) Written examination (Value: 60% of total score).

The exam will consist of a written test of open questions, short answer questions and resolve clinical cases where the student will integrate the knowledge acquired.

- 2) Evaluation of different activities (40%)

- Resolution of clinical cases (10%)
- Group work (20%): production of posters, brochures or multimedia material on how to improve the quality of life of surgical patients. The work-related issues will be specified by the faculty at the beginning of the course.
- Attendance at practices: Attendance at practices is mandatory. The student may acquire up to 10% of the final grade.

## REFERENCES

### Basic

1. ARCHUNDIA A. (2014) Cirugía 1 - Educación Quirúrgica . 5a ed. Madrid: McGrawHill
2. PERA C. (1996). Cirugía: fundamentos, indicaciones y opciones técnicas. Madrid: Elsevier.
3. ARIAS J, ALLER M A, ARIAS J A, LORENTE L. (1999). Fisiopatología Quirúrgica. Madrid: T´ebar.
4. BRUNICARDI C. (2015) Principios De Cirugía de Schwartz - 10ª Edición McGraw-Hill/Interamericana
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- 7. FULLER, J. (2007). Instrumentación Quirúrgica. Teoría, técnicas y procedimientos. 4a ed. Buenos Aires: Panamericana.
- 8. GÓMEZ AJ. (2010) Manual práctico de instrumentación quirúrgica en enfermería Barcelona: Elsevier
- 9. LEWIS S M, HEITKEMPER M M, DIRKSEN S R. (2004). Enfermería Médico Quirúrgica. 6a ed. Barcelona: Elsevier.
- 10. TAMAMES, S. (1997). Cirugía. Fisiopatología. General. Aspectos Básicos. Manejo del paciente Quirúrgico. Madrid: Panamericana.
- 11. MORGAN E, MIKHAIL M. (2010). Anestesiología Clínica. 4a ed. México: Manual Moderno.
- 12. MARTÍN A. (2005). Patología Quirúrgica. Madrid: Elsevier.
- 13. SERRA I. (2015) Manual Práctico de instrumentación quirúrgica en Enfermería (2ªEd) . Barcelona: Elsevier
- 14. SWEARINGEN P. (2008). Manual de Enfermería Médico Quirúrgica. 6a ed. Barcelona: Elsevier- Mosby.
- 15. BRUNNER LS, SUDDARTH DS. (2002). Enfermería Médico-Quirúrgica. 9a ed. Madrid: Interamericana/McGraw-Hill.
- 16. WOLFF K, JOHNSON R A, SUURMOND D. (2007). Atlas en color y sinopsis de dermatología clínica. 5a ed. Madrid: McGraw-Hill/Interamericana.

#### Additional

- 1. Bueno, F. Iniciación a la Oncología Quirúrgica. Ed. CVR. Valencia 1998
- 2. Onco guía del Cáncer de Mama Comunidad Valenciana. 2ª Ed Generalitat Valenciana. Conselleria de Sanitat. Valencia 2006
- 3. Sociedad Española de Anestesiología, Reanimación y Tearapéutica de dolor <https://www.sedar.es/>
- 4. SEOQ Sociedad Española de Oncología Quirúrgica: [www.seoq.org/](http://www.seoq.org/)