

Tipo de curso / Course type

A-Conferencia / A-Lecture

Modalidad(es) / Modality

Presencial / Traditional

Nivel del curso / Course level

Maestría / Master Degree

Descripción

This course teaches students to diagnose conditions that are safely treated by surgery in the office, and the principles and practical techniques involved in the performance and follow-up of office surgical procedures. The basics of performing minor surgery are discussed and practiced which include selection of proper instruments, equipment and supplies needed for a procedure, sterile technique and sterile field, proper selection and use of local anesthesia, lesion removal, suturing, wound care, report writing and insurance coding. Theory and practice are included.

Description

Este curso enseña a los estudiantes a cómo diagnosticar condiciones que pueden ser tratadas con seguridad a través de cirugía menor en la oficina del médico, los principios y técnicas prácticas que envuelve el llevar a cabo y dar seguimiento de dichos procedimientos quirúrgicos en la oficina. Se discuten y practican los conceptos básicos de realizar cirugía menor, incluyendo la selección de instrumentos, equipo y suplidos apropiados de acuerdo al procedimiento; técnica y campo estéril, selección correcta y uso de anestésico local, remoción de lesiones, suturación, cuidado de la documentación y codificación.

Requisitos (cursos) / Requisites (courses)

CLSE 719, CLSE 723, BASC 700, BASC 712

Co-requisitos (cursos) / Co-requisites (courses)

N/A

Créditos / Credits

3

Objetivos específicos / Specific objectives

1. Demonstrate knowledge related to the diagnosis of conditions that are safely treated by surgery in the office.
2. Recognize common lesions and the most effective treatment modality.
3. Discuss the principles involved in the performance and follow-up of office surgical procedures.
4. Suture skin using common suture types (simple interrupted, horizontal mattress, vertical mattress, running horizontal mattress, running stitch, running locking stitch and subcuticular stitch).
CLSE 733
5. Perform partial and full thickness skin procedures on selected patients.
6. Maintain a sterile field during surgery.
7. Properly select and inject an anesthetic according to the procedure.

8. Distinguish and properly treat complications of anesthetics and of the procedure.
9. Instruct the patient in correct follow-up care of the procedure done.
10. Document a concise report of the procedure.
11. Protect the patients' confidentiality according to HIPPA regulations.
12. Recognize limitations and when referrals are appropriate.

Contenido / Content

Ethics, legal implications and HIPPA Regulations
Patient Education and Preparation
Lesion Removal
Types of Surgery, Common Lesions
Complications of Surgery
Setting up Minor Surgery Area
Selection of Proper Instruments, Equipment, and Supplies
Autoclave and Instrument Wrap
Sterile Technique and Sterile Field
Proper Selection and Use of Local Anesthesia
Practical Experience with Types of Suturing Techniques
Wound Care, Langer Lines
Shock Prevention and Intervention
Documentation
Followu-up after Surgery

Horas contacto (incluyendo horas examen) / Contact hours (including test hours)

Presencial /
Traditional:
45

***Política de horas crédito:** Por cada crédito el estudiante dedicará un mínimo de dos (2) horas adicionales en actividades requeridas para lograr los objetivos del curso, incluyendo las horas en contacto con el profesor.

Metodología y actividades / Methodology and activities

Leyenda/Legend:

D/I = Dentro del salón / Inside classroom

F/O = Fuera del salón / Outside classroom

Conferencias / Lecture *Presencial: D/I*

Presentaciones, demostraciones / Presentations, demonstrations *Presencial: D/I*

Simulaciones / Simulations *Presencial: D/I*

Sistema de notas / Grading system

Sistema Estándar (A, B, C, D, F) / Standard System (A, B, C, D, F)

Texto sugerido / Suggested text

Ferri, F. (2006). Ferri's Clinical Advisor. Mosby. ISBN: 0-323-03448-9

Referencias bibliográficas / Bibliography

Bickley, L. (2007). Bates' Guide for Physical Examination and History Taking. 9th Ed. Lippincott. ISBN: 0-7817-6718-0
Drake, R.; Vogli, W.; and Mitchell, A. (2005). Gray's Anatomy for Students. 1st ed. Elsevier. ISBN: 0-443-06612-4
Fox, S. (2006). Laboratory Manual to Accompany Human Physiology. 11th ed. McGraw-Hill. ISBN: 0072852984

M.R. Agur, A.; and Dalley, A. (2004). Grant's Atlas of Anatomy. 11th ed. Lippincott. ISBN: 0-7817-4255-2

Moore, K. and MAgur, A. (2006). Essential Clinical Anatomy and Grants' Dissector. 13th Ed. Lippincott. ISBN: 0-7817-6941-8

Netter, F. (2006). Atlas of Human Anatomy. Saunders. ISBN: 1-4160-3385-8

Rubin, E.; Gorstein, F.; Rubin, R.; Schwarting, R. and Strayer, D. (2005). Rubin's Pathology: Clinicopathologic Foundations of Medicine. 3rd ed. Lippincott. ISBN: 0-7817-4733-3

Sadler, T. (2006). Langman's Medical Embryology. 10th ed. Elsevier. ISBN: 0-7817-9485-4

Widmaier, E.; Hershel, R. and Strang, K. (2006). Vander's Human Physiology. 10th ed. McGraw-Hill. ISBN: 0073122866

Evaluación del estudiante / *Student evaluation*

	Presencial		Híbrido		En línea		Acelerado	
	Qty	Por ciento	Qty	Por ciento	Qty	Por ciento	Qty	Por ciento
Pruebas cortas / Quizzes	1	25%						
Examen final / Final Exam	1	25%						
Presentaciones, demostraciones / Presentations, demonstrations	1	25%						
Evaluación de casos / Case evaluation	1	25%						
Totales	4	100%						

Tipo de prontuario / *Syllabus type*

Nuevo