

**ISTANBUL OKAN UNIVERSITY**

**FACULTY OF MEDICINE**

**MED421**

**GENERAL SURGERY**

**COURSE PROGRAM**

**LECTURERS**

Prof. Dr. Semih Baskan

Prof. Dr. Abut Kebudi

Prof. Dr. Alp Gürkan

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### MED421 General Surgery (10 kredi)

Aim of the Course

The purpose of this course is to gain information on the general surgical disease and related issues. It Provides general information about general surgery, explains the pathophysiological basis of diseases, their diagnosis and surgical treatments, teaches the treatment principles for the pre-operative, post-operative and injured individuals.

*Prerequisites: MED301, MED302, MED303, MED304, MED305, MED306, MED307 and For foreign students; pass The Turkish Language Exam.*

Learning Objectives

At the end of this course the students will be able to:

* Demonstrate the ability to obtain an accurate surgical history.
* Demonstrate knowledge and understanding of common surgical problems.
* Understand the indications for, and the limitations of, essential diagnostic studies used to evaluate patients with surgical problems.
* Evaluate and assess patients with surgical diseases.
* Understand and possibly perform various basic procedures, such as: venipuncture, placement of intravenous catheter, insertion of urethral (Foley) catheter, insertion of nasogastric tube, removal of surgical drains, closure of surgical incisions, removal of suture/staples, dressing changes
* Understand how to and possibly apply specific protocol in the operating room (scrubbing, gowning, gloving, prepping and draping)

Course Content

* Diseases of the gall bladder
* Surgical endoscopy
* Management of the upper gastrointestinal system bleeding
* Hemostasis, surgical bleeding and transfusion
* Wound healing
* Benign liver diseases
* Burns
* Diseases of the perianal region
* Fluid and electrolyte management of the surgical patient
* Pancreatitis
* Malign tumors of the stomach and esophagus
* Management of the lower gastrointestinal system bleeding
* Diseases of bile ducts
* Benign thyroid diseases
* Malign diseases of the colon and rectum
* Benign esophagus diseases
* Biopsy techniques in general surgery
* Diaphragm hernia
* Malign thyroid diseases
* Benign diseases of stomach and duodenum
* Malign pancreas tumors
* Malign liver diseases
* Parathyroid diseases
* Management of obstructive jaundice
* Diseases of abdominal wall, omentum, mesentery, and retroperitoneum
* Intestinal obstructions
* Diseases of small intestine
* Management of the abdominal trauma
* Adrenal gland diseases
* Antibiotic use in general surgery
* Hernia of the abdominal wall
* Diabetic foot

**COURSE INFORMATION**

Theoretical (hours) : 32 hours

Practical (hours) : 30 hours

Duration (days) : 14 days

Location : Okan University Hospital

**LEARNING METHODS**

Theroretical / Practical / Seminars/ / Case discussion / Problem based learning

Clinic visits / Patient assessment / Case investigations

Outpatient unit / Surgical observation

**ASSESSMENT:**

* Clinical performance assessment
* Exam
* Verbal exam