



DEPARTMENT OF EMERGENCY AND ORGAN TRANSPLANTATION
(D.E.T.O.)

SCHOOL OF MEDICINE

DIGESTIVE AND LIVER DISEASES COURSE

SSD MED/12 CFU 2
4th year, 1st semester

Teacher: prof. MICHELE BARONE

Educational goals:

Knowledge of the pathologies of the digestive tract and related diagnostic and therapeutic protocols.

Expected learning outcomes:

Ability to recognize the pathologies of the digestive tract from the medical history and clinical data collection.

Educational organization:

Lessons *ex cathedra*: 2 CFU, 24 hours

Teaching Mode: traditional lectures

Learning assessment procedures: written examination

Attendance: mandatory

Detailed Program:

1. Esophagus

Swallowing disorders (dysphagia)
Chest pain
Achalasia
Diffuse esophageal spasm
Hiatal hernia
Gastroesophageal reflux disease
Barrett's esophagus
Esophagitis

2. Gastroduodenal disorders

Vomit
Gastritis
Peptic disease
Dyspepsia
Zollinger Ellison Sindr.

3. Malattie del pancreas

Acute Pancreatitis
Chronic Pancreatitis
Endocrine tumors of the pancreas

4. Patologie epatobiliari

Jaundice
Cholestasis
Ascites
Acute and chronic viral hepatitis
Autoimmune Hepatitis
Steatohepatitis
Drug-induced liver disease
Hereditary liver disease
Cirrhosis
Hepatic encephalopathy
Hepato-renal syndrome
Budd-Chiari syndrome
Primary sclerosing cholangitis

5. Patologie dell'intestino

Constipation
Diarrhea
Malabsorption
Celiac disease
Food intolerance
Inflammatory bowel diseases
Irritable Bowel Syndrome
Polyps and colorectal cancer

6. Principles of Artificial Nutrition

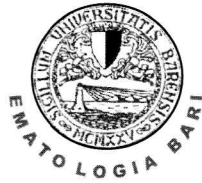
Enteral and parenteral nutrition

Reference book: Harrison "Principles of Internal Medicine".

Gastrointestinal Surgery (excluding cancer) teaching program:

Teacher: Prof **Donato F Altomare**

- Gastro-esophageal reflux disease
- Diverticular Disease and diverticulitis of the Colon
- Intestinal obstruction
- Ulcerative Colitis
- Crohn Disease
- Obstructive Jaundice
- Gallbladder stones
- Porta Hypertension
- Liver hydatodosis
- Peptic Ulcer of the Stomach and Duodenum
- Appendicitis and peritonitis
- Functional constipation
- Proctological diseases (Hemorrhoids, perianal abscess and fistulas, anal fissure)



UNIVERSITA' DEGLI STUDI DI BARI ALDO
Dipartimento dell'Emergenza e dei Trapianti di Organi
**U.O. di EMATOLOGIA CON
TRAPIANTO**

SCHOOL OF MEDICINE
SSD MED/15 CFU2
4th Year, 1st semester

Teacher: Prof.ssa Giorgina Specchia

Educational goals:

Knowledge of blood diseases and related diagnostic and therapeutic strategies

Expected learning outcomes:

Ability to recognize blood diseases from the medical history and clinical data collection

Educational organization:

Lessons ex cathedra: 2 CFU

Teaching Mode: traditional lectures

Learning Assessment procedures: oral

Attendance: mandatory

Detailed program:

1. Physiology of normal Hematopoiesis

Stem Cells

Erythropoiesis

Myelopoiesis

Megakaryocytopoiesis

Lymphopoiesis

2. Myelodysplastic Syndromes

Pathogenesis

Classification of MSD

Clinical Features

laboratory Features

Differential Diagnosis

Prognosis

Treatment

3. Acute leukemias

Diagnosis and classification

Acute Lymphoblastic Leukemias

Acute Myeloid Leukemias

4. Chronic Myeloproliferative Disorders

Pathogenesis

Chronic Myeloid Leukemia

Polycythaemia Vera

primary Myelofibrosis (PNF)

Essential Thrombocythaemia

5. Lymphoproliferative Disorders

Chronic Lymphocytic Leukemia

Hairy Cells

Waldenström

6. Plasma Cell Disorders

Multiple Myeloma

Monoclonal Gammopathy

Amyloidosis

Poems Syndrome

7. Hematopoietic Stem Cell Transplantation Strategies

Types of Hematopoietic Stem Cell transplantation (HSCT)

Sources of Hematopoietic Stem Cell transplantation

Recent advances in Hematopoietic Stem Cell transplantation



Prof. Franco Silvestris
Full Professor in Clinical Oncology

Bari English Medical Curriculum (BEMC)
Medical-Surgical Specialities III (Integrated Course) Year 4
Course Of Medical Oncology
Prof. Franco Silvestris

Total credits: 2 CFU
Total hours: 24 hrs
Scientific Discipline: MED/06
Exams: Oral examination

The course of Medical Oncology is part of the Integrated Course 'Medical-Surgical Specialities 3' and is finalized to known pathogenetic mechanisms of oncogenesis, genetic and molecular characterization, clinical aspects, diagnosis and treatment of tumors. The course includes lectures, clinical activities and educational meetings on innovative topics of clinical research in oncology, including oncogenomic and targeted therapies.

Part 1 General aspects

- Cancer epidemiology and prevention
- Pathogenetic mechanisms of oncogenesis, metastatization and tumor progression.
- Hysto-morphological diagnosis and clinical staging of tumors
- Molecular analysis and principles of pharmacogenomic
- Response Evaluation Criteria in Oncology

Part 2 Diagnosis and clinical approach to tumors

- Lung cancer and mesothelioma
- Breast cancer
- Hepatocellular carcinoma and bilio-pancreatic tumors
- Gastro-intestinal tumors including gastric and colon cancer, gastrointestinal stromal tumors (GIST) and (NETs)
- Kidney and urinary tract tumors cancers
- Bone cancer and metastasis
- Melanoma
- Paraneoplastic syndromes and clinical adverse events in oncology
- Principles of cancer therapy: (indications to radiotherapy, chemotherapy, targeted therapy, radio-metabolic treatment, use of haematopoietic growth factors, pain management and antiemetic therapy)

Suggested consulting book.

1) DeVita, Hellman and Rosenberg' s Cancer Principles and Practice of Oncology
Authors: DeVita - Hellman - Rosenberg - Rosenberg - Weinberg - DePinho
Editore: Lippincott Williams, Edition: X 1/2015

2) Abeloff 's Clinical Oncology - Expert Consult Premium Edition - Enhanced Online Features and Print
Authors: Abeloff - Armitage - Niederhuber - Kastan - Doroshow - Tepper , Editor: Elsevier - Churchill Livingstone,
Edition V 11/2013

Surgical Oncology (Prof. Lufc)

Programme

- 1 Elements of oncogenesis
- 2 Principles Of Surgical oncology
- 3 Classification (taxonomy) of cancer
- 4 Staging process
- 5 Markers in oncology - role and usefulness
- 6 Outcome measurement in oncology (Surgical et Medical)
- 7 Sistematic Sugical Oncology:

- Breast
- oesophagus
- Stomach
- Small bowel
- Colon et rectum
- Anus
- Liver: primary and secondary
- Biliary tract
- Pancreas
- Lung
- Thyroid
- Adrenal gland
- Mediastinum
- Retroperitoneum