Clinical center residency I

Coordinator
Prof. RAFFAElli MARCO

Course Code
MH4101

CUIN Code
571600065

Year Course
4

Semester
1

UFC
13

Modules

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<td>MH4151</td>
<td>Medical and surgery pharmacology (BIO/14)</td>
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Lecturers

MH4150 Internal medicine I
Prof. Gambassi Giovanni
Prof. Landolfi Raffaele
Prof. Montalto Massimo
Prof. Pola Roberto
Prof. Raffaelli Marco
Prof. Spada Cristiano
Prof. D'ugo Domenico
Prof. Di giambenedetto Simona
Prof. Trecarichi Enrico maria
Prof. Gambassi Giovanni
Prof. Landolfi Raffaele
Prof. Mingrone Geltude
Prof. Conte Gianluigi
Prof. Rinaldi Lucio

PT4150 Internal medicine professional training
Prof. Brisinda Donatella
Prof. Giancotti Rossella
Prof. Favuzzi Angela maria rita
Prof. Flex Andrea
Prof. Gambassi Giovanni
Prof. Gerardino Laura
Prof. Ardito Francesco
Prof. Biondi Alberto
Prof. De crea Carmela
Prof. Pacelli Fabio
Prof. Papa Valerio
Prof. Rosa Fausto
Prof. Traini Emanuela
Prof. Cingolani Antonella
Prof. De gaetano donati Katleen
Prof. Di giambenedetto Simona
Prof. Lucio Mothanje barbara patricia
Prof. Muni Rita
Prof. Trecarichi Enrico maria

Aim
The course is designed as an integration of different didactic modules, in order to give the students a multidisciplinary clinical overview of the different topics. Teaching will provide the students with state of the art information on the different topics, including clinical presentation, basic physiology, key physical findings, differential diagnoses, diagnostic workup, medical and surgical management of the diseases and clinical conditions. Students will be instructed on how to master clinical reasoning to synthesize data toward a prioritized differential diagnosis, working diagnosis, and plan. When appropriate, classes will be multidisciplinary.

Professional training is designed to acquire basic clinical and surgical skills, by the participation in clinical activities in the medical and surgical wards and in the operating theatre. Discussion of clinical cases will help students understand diagnostic pathways and establish appropriate treatment plans.
Chronic diarrhea
Multifaceted clinical presentation of IBD
Pearls and perils of determining the risk of thromboembolism and bleeding
Diabetes, comorbidities and polypharmacy
Diabetes and complications
Swollen leg: differential diagnosis and management
Fever of unknown origin
Diffuse adenopathy: principles of diagnostic evaluation
Pain: how to assess, to measure, to diagnose, to treat
Adverse drug reactions
Thrombosis and pulmonary embolism
Anticoagulants, old and new
Frailty, an important clinical concept
Multidimensional evaluation of complex patients
Ascites
Disease trajectories and difficult choices
MD and internists of the future

Medical and surgery pharmacology
Anti-inflammatory, Antipyretic, and Analgesic Agents
Antiplatelet Drugs
Pharmacotherapy of Diabetes Mellitus
Pharmacotherapy of gastric acidity, peptic ulcers, and gastrointestinal reflux

Occupational psychology
Eating disorders (ED): classification and diagnostic issues
Therapeutic projects for ED: psychopharmacology, rehabilitation and psychotherapy
The pathway to bariatric surgery for obese patients
Introduction to Psycho-oncology
Defense mechanisms and working with dreams in Psycho-oncology
Multimedial psychotherapy in the oncological mourning

General surgery
Surgical patient evaluation: principles
Surgery of the thyroid gland (surgical anatomy, hyperthyroidism, nodular goiter, thyroid cancer)
Surgery of the parathyroid glands (surgical anatomy, primary, secondary and tertiary hyperparathyroidism)
Surgery of the adrenal glands (surgical anatomy, Cushing’s syndrome, primary hyperaldosteronism, pheochromocytoma, adrenal incidentaloma, adrenocortical carcinoma)
Neuroendocrine tumors of the gastro-entero-pancreatic tract
Surgery for obesity and related disorders (including diabetes)
Presentation and management of the gastrointestinal bleeding
Presentation and management of the acute pancreatitis
Presentation and management of chronic pancreatitis
Presentation and management of bile duct and gallbladder stones
Presentation and management of pancreatic tumors
Presentation and management of esophageal disorders (surgical anatomy, functional benign disorders, esophageal tumors)
Surgery of the stomach (surgical anatomy, gastric tumors)
Surgery of the colon and rectum (surgical anatomy, tumors of the colon and rectum)
Disease of the anus (surgical anatomy, pelvic floor disorders, hemorrhoids, anal fissures and ulcers, ano-rectal fistulas and abscess, anal tumors)
The acute abdomen
Hernia and other lesions of the abdominal wall
Surgical innovation, mentoring and tutoring

Infectious disease II
HIV infection and management of HIV+ patients
Chronic Hepatitis C
Meningitis and most common CNS infections
Tuberculosis

Course structure
Lectures, Video-presentations, Self-learning, problem-based learning, practical group activities.

Evaluation method
The final exam will consist of a multiple-choice quiz evaluation (test items) based on topics of all teaching modules. Student’s evaluation might also be assessed with Intermediate Tests. Items to be administered during the Intermediate Tests will address issues related to the content of each disciplines (modules) and the number of items for each discipline will be proportional with the number of CFU/hours administered during the course. In order to pass the exam, students must pass all the Intermediate Tests.

Bibliography
Harrison's principles of internal medicine, McGraw Hill, 19th Edition
Current Medical Diagnosis and Treatment, Lange – McGraw Hill, 55th Edition
Current Diagnosis and Treatment Surgery, Lange – McGraw Hill, 14th Edition
Notes
Being defined by the faculty