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## TIROCINIO PROFESSIONALIZZANTE III ANNO - channel 4

6 CFU - 2° Semester

### Teaching Staff

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### LEARNING OBJECTIVES

#### ▪ RESPIRATORY MEDICINE

The course aims to promote the understanding of the main mechanisms that characterize the body's pulmonary regulation. In addition to the general aspects of lung function, the main etiopathogenetic, pathophysiological and clinical characteristics of the most common respiratory diseases will be treated, making prevalent reference to those relevant to the Degree Course

- **Training III - Blood Diseases**

Learning in the field of physiopathology and clinic of the blood diseases, haemostasis and haematopoietic system.

- **nursing**

peri-operative gestion of surgical patients

- **Professional training**

Approach to the internistic patient.

## **COURSE STRUCTURE**

- **nursing**

practice on ward, frontal lesson

- **Professional training**

Attendance in the Department of Internal Medicine.

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## **DETAILED COURSE CONTENT**

- **RESPIRATORY MEDICINE**

Pathophysiology and lung defense mechanisms

- Respiratory function tests
- Asthma
- COPD
- Pneumonia
- Pleural effusions
- Interstitial lung diseases
- Acute and chronic respiratory failure
- bronchiectasis
- TB

- **Training III - Blood Diseases**

1. Hemopoiesis
2. Erythropoiesis
3. Anaemia

- definition and classification
- laboratory diagnosis

1. Acquired Aplastic Anaemia
2. Megaloblastic Anaemia
3. Iron Deficiency Anaemia
4. Thalassemia
5. Acquired and hereditary haemolytic anaemia
6. Hemolytic disease of the newborn

7. Anaemia of Chronic Disease
8. Granulopoiesis
9. Acute Myeloid Leukemias
10. Myelodysplastic Syndromes
11. Chronic Myeloid Neoplasms

- Vera Polycythaemia
- Essential Thrombocythemia
- Idiopathic Myelofibrosis

1. Lymphocytopoiesis
2. Chronic Lymphoid Neoplasms

- Chronic Lymphocytic Leukemia
- Hodgkin Lymphoma
- Non-Hodgkin Lymphoma

1. Monoclonal Gammopathy
2. Bone Marrow Transplantation
3. Haemostasis
4. Haemorrhagic Diseases of platelet defect

- Acquired Thrombocytopenia

1. Haemorrhagic Diseases of plasmatic defect

- Haemophilia A
- Haemophilia B
- Haemophilia C
- Von Willebrand disease

1. Acquired Coagulopathies

- Disseminated Intravascular Coagulation (DIC)

1. Hereditary Thrombophilia

24. Acquired Thrombophilia (Antiphospholipid Syndrome)

- **nursing**

management of peri-operative patients

- **Professional training**

Major internal medicine diseases.

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## TEXTBOOK INFORMATION

- **RESPIRATORY MEDICINE**

Harrison's Principi di Medicina Interna – McGraw-Hill 18° ed

- **Training III - Blood Diseases**

1. Malattie del Sangue e degli Organi Emolinfopoietici – Sante Tura - Michele Bacarani, Società Editrice Esculapio
2. Manuale di Malattie del Sangue – A. Bosi, V. De Stefano, F. Di Raimondo, G. La Nasa, Società Editrice Elsevier
3. Ematologia Le Basi Fisiopatologiche Molecolari e Cliniche – Giuseppe Amadori, Società Editrice Piccin
4. Manuale di Ematologia – Paolo Corradini – Robin Foà, Società Editrice Minerva Medica
5. Manuale di Malattie del Sangue e degli Organi Emopoietici – Gianluigi Castoldi – Vincenzo Liso, Società Editrice McGrawHill
6. Ematologia di Mandelli – Giuseppe Avvisati, Società Editrice Piccin

- **nursing**

I.C.U. book P. Marino

- **Professional training**

Main textbooks of Internal Medicine and Medical Semeiotics.

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