

Module Title: Clinical Pathology
Module Code: AM0304
Maximum number of students: 10
Total ECTS: 2 credits
Notional learning hours: (a) Contact time – 10 (b) Private study - 40 Format of teaching: Lectures 8 Laboratories or Practicals 2 Other 0 Teaching Strategy: Formal lectures in 120 min. timetable
Convener: Isabel Cavaco
University: University of Algarve
Language of tuition: English
Module Description – The Purpose of aims 1. To motivate students for the importance to study haematological malignancies and immunodeficiency disorders; Pathogenesis and spectrum of diseases; 2. Laboratory diagnosis.
Learning Outcomes: 1. Haematopoiesis: cells in blood and their precursors; 2. Erythrocytes disorders; 3. Leucocytes disorders; 4. Platelets disorders; 5. Autoimmunity, Autoimmune diseases; 6. Laboratory practices.
Summary of Course Content: This module aims to motivate the learners to: <ul style="list-style-type: none"> ○ Clinical features; ○ Laboratory assays useful in the diagnosis of haematological malignancies and immunodeficiency disorders; ○ Course.
Transferable Skills Taught: Theoretical classes using data-show. Exercise and problems solving, giving articles and lecture notes.
Assessment Methods: Individual work. Students must elaborate a protocol for diagnosis, consultation and control relative to the following subjects: <ol style="list-style-type: none"> 1. Systemic Lupus Erythematosus; 2. Rheumatoid Arthritis; 3. Von Willebrand’s Disease; 4. Haemophilia A; 5. Thalassemia; 6. Acute Lymphoblastic Leukaemia .

Assessment criteria:

Individual work:

Organization of the protocol for items		0-20 points
Content of the protocol	Theoretical knowledge	0-20 points
	Criteria for laboratorial and clinical diagnosis	0-20 points
	Procedures	0-20 points
Global presentation and findings		0-20 points
FINAL CLASSIFICATION		100 points

Resource Implications of Proposed Solutions:

Lecture notes will be available for students. Will be included textbooks.

Recommended readings:

- Hematology: Principles and procedures, Barbara A Brown;
- Hematology, Clinical and laboratory practice, Bick, Bennett, Bruner, Cline, Kass, Murano, Shoheit; Mosby;
- Henry's Clinical Diagnosis and Management by Laboratory Methods, 21 st edition; Saunders.