



e-Learning course

## The clinical management of haemophilia and other congenital bleeding disorders in Palestine

October 31, 2023 - June 30, 2026

**organised by**

Centro Nazionale Sangue, Istituto Superiore di Sanità  
Fondazione EMO Onlus  
Fondazione For ANEMIA  
and  
Servizio Formazione, Istituto Superiore di Sanità

**in collaboration with**

Agenzia Italiana per la Cooperazione allo Sviluppo  
Ministero della Salute Palestinese

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### Introduction

Distance Learning is part of the international cooperation project funded by the Italian Agency for Development Cooperation (AICS) for the implementation of the network of centers for the care and management of patients with haemophilia in Palestine. Training therefore plays a crucial role in the clinical-organizational management of these diseases and should be aimed at providing ultra-specialty skills that are not readily available and a multidisciplinary approach to the patient.

### Overall aim and objectives

To empower Palestinian health care personnel in the routine and complication management of patients with congenital bleeding disorders, including the rational use of coagulation factors donated from the Italian regions, even under emergency conditions.

### Learning and delivery method

The learning method, inspired by the *Problem-Based Learning* (PBL) educational method, encourages participants to identify their learning goals by analysing and solving a problem linked to their professional setting.

The following learning resources are provided: problem and its solution, short video lessons (PowerPoint slides with a voice-over), supplementary readings and learning materials. The course is delivered by the ISS e-Learning platform EDUISS (<http://www.eduiss.it>)

### Course Structure

The e-learning course includes 5 Modules:

- Basic Module
- Advanced Module
- Specialist Module for orthopaedists and physical therapists
- Specialist Module for laboratory technicians
- Specialist Module for Dental Surgeons

Each Module contains:

- an introduction explaining its relevance, general purpose, and structure



- the general objectives
- learning units

The **learning unit** includes:

- an introduction that presents the content of the unit
- the specific learning objectives
- the problem, based on a realistic scenario in relation to the themes of the course or unit, useful for the activation of the learning process and the application of the acquired knowledge
- the supporting material that the participant can use for further study and research, containing bibliographical references and web addresses specific to the topic covered
- the reading material (scientific articles, technical-scientific reports and reports, legislative references, etc.) aimed at providing useful tools for the purpose of solving the proposed problem
- tutorials, which represent a summary of the main discussion and study elements of the course or unit
- expert problem solution

Other resources available to participants include:

- a news board with updates about the course's delivery
- a user guide
- a FAQ section (Frequently Asked Questions)
- a forum for comparing experiences and exchanging knowledge among participants

### **Duration and course conduct**

For the fruition of the course there are:

- 32 hours for the Basic Module (2 learning units)
- 32 hours for the Advanced Module (2 learning units)
- 16 hours for the Specialist Module for orthopaedists and physical therapists (1 learning unit)
- 16 hours for the Specialist Module for laboratory technicians (1 learning unit)
- 16 hours for the Specialist Module for dental surgeons (1 learning unit)

**The course will be available from October 31, 2023 to June 30, 2026**

### **Assessment Methods**

The certifying tests consist of questions with multiple-choice answers (4 options), only one of which is correct and will be passed with the achievement of 75% correct answers. The participant will have five attempts to pass the final assessment test.

Participants must also have compulsorily taken the formative tests in the course, which are:

- the placement test to be completed at the beginning of the course, which allows the participant to assess his or her prior knowledge on the topics covered in the course. It is mandatory, but does not constitute a barrier test
- the self-assessment test of the level of knowledge acquired, inserted at the end of the course. It is compulsory, but it serves a formative function because it allows one to assess for oneself whether or not one needs to study the topics covered in greater depth, by means of the display of feedback indicating the questions that were not answered correctly, with a cross-reference to the learning objective to be reviewed.

A course satisfaction questionnaire is also provided, along with passing the final assessment test.

### **EXPERTS who prepared the content**

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### **Target audience and maximum number of participants**

The course is intended for Palestinian professionals involved in clinical disease management and Palestinian specialists involved in "comprehensive" patient care. Doctors with expertise in haemophilia, nurses, physical therapists, orthopaedists, laboratory technicians, dentists, social workers.

Up to 100 participants are admitted.

Specifically:

- The Basic Module is intended for all participants
- The Advanced Module is intended for physicians and nurses working at haemophilia centers. The Advanced Module will be accessed only by those who have passed the Basic Module
- The Specialist Module for orthopaedists and physical therapists will be accessed only by those who have passed the Basic Module
- Only those who have passed the Basic Module will have access to the Specialist Module for laboratorians
- The Specialist Module for dental surgeons will be accessed only by those who have passed the Basic Module

### **Enrollment Methods**

The participant will receive instructions via e-mail to register for the course.

**Registration is open from October 31, 2023 to May 29, 2026**

**For any information pertaining to the course, please contact: [emily.oliovecchio@gmail.com](mailto:emily.oliovecchio@gmail.com)**

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