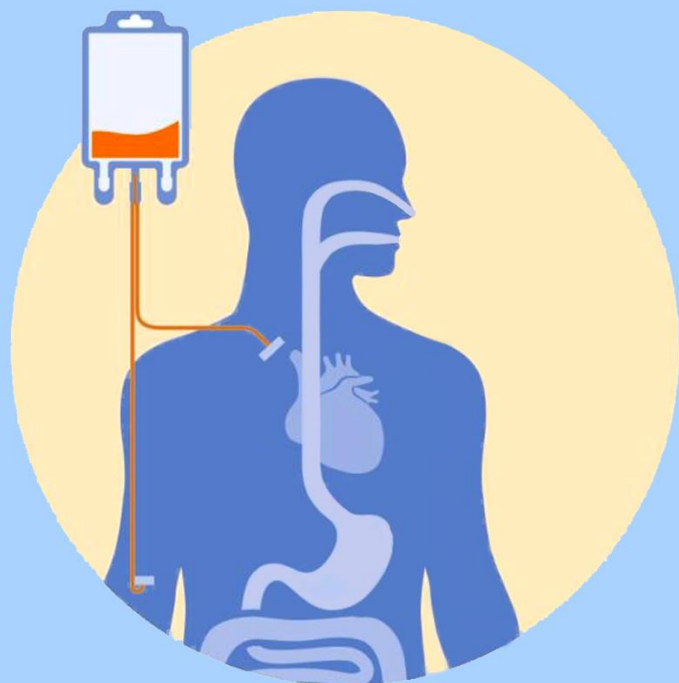




Certificate of Approach to Parenteral Nutrition

GENERAL INFORMATION

Duration: 4 Weeks

Total Hours: 32 hours of blended learning (20 hours Face-to-Face / 12 hours eLearning)

Time:

- **Week 1:** Sun & Mon, 9:00 AM - 6:00 PM (16 hours In-Person)
- **Week 2:** Mon & Wed, 5:00 PM - 8:00 PM (6 hours Online)
- **Week 3:** Anytime (6 hours Asynchronous online)
- **Week 4:** Sat, 9:00 AM-1:00 PM (4 hours In-Person)

Fees: 800 BHD

Level: Postgraduate

Language: English

Pre-requisite: Basics in Nutritional Science

INSTRUCTORS BIOGRAPHY



Prof. Abdulaziz Al-Othman, Professor of Clinical Nutrition, Prince Sattam bin Abdulaziz University.



Prof. Mahmoud Abulmeaty, Professor of Clinical Nutrition, King Saud University.



Prof. Mohamed Amr Mattar, Head of Clinical Nutrition Unit, Kasr El-Eini Teaching Hospitals.



Hossam Tawakol Mohamed, Senior Pharmacist, Prince Sultan Military Medical City.

Nora AlBanyan, Consultant Clinical Pharmacist, King Fahad Medical City.



Participants who successfully pass the final exam will be granted an **ESPEN Lifelong Learning certificate in Approach to Parenteral Nutrition**, which is accredited by the European Accreditation Council for Continuing Medical Education, providing 4 credits for medical specialists.

COURSE OVERVIEW

This course provides learners with knowledge of parenteral nutrition, including indications, contraindications, administration routes, formulas, and methods. It covers the use of new technology and updated guidelines for compounding and administering parenteral nutrition, with detailed discussions on hospital-based and commercial formulas. The course also addresses complications, their management, and parameters for monitoring and follow-up with patients.

TARGET AUDIENCE

- Current postgraduate Nutrition student.
- Postgraduate Nutrition students from Gulf Cooperation Council Countries
- Faculty/staff interested in clinical nutrition.
- Professionals interested in clinical nutrition (Dietitians, Pharmacists, Nurses, Physicians).
- Business/industry partners in the field of parenteral nutrition.

LEARNING OUTCOMES

- Describe detailed indications and contraindications of parenteral nutrition.
- Identify various routes and approaches of parenteral nutrition.
- Apply hospital protocols in parenteral nutrition.
- Describe the protocol of parenteral nutrition formulae selection.
- Calculate the macronutrient and micronutrient composition of the parenteral nutrition solution.
- Interpret and assess the monitoring parameters of parenteral nutrition.
- Troubleshoot complications of parenteral nutrition.

DELIVERY MODE

A total of 32 learning hours will be distributed as follows:

- 20 hours: Face to face classes
- 6 hours: Online classes
- 6 hours: Asynchronous online teaching

ASSESSMENTS

- Clinical scenarios (40%)
- Practical Assignment (30%)
- Final exam (30%)

COURSE OUTLINE

WEEK 1

- Introduction to the parenteral nutrition.
- Indication and contraindications of parenteral nutrition.
- Routs of parenteral nutrition.
- Clinical scenarios
- Choice and types of parenteral feeding solutions.
- Regimens of parenteral feeding
- Hospital protocol for peripheral and central parenteral nutrition
- Clinical scenarios

WEEK 2

- Complications of parenteral nutrition
- Monitoring of parenteral nutrition
- Termination of parenteral nutrition.
- Clinical scenarios

WEEK 3

- Independent Learning

WEEK 4

- Live ESPEN course on Topic 9: Approach to Parenteral Nutrition
Approach to Parenteral Nutrition

- • • • Participants will receive a certificate accredited by the
- • • • University of Bahrain, the Saudi Society of Clinical
- • • • Nutrition, and the National Health Regulatory Authority
- • • • (NHRA) upon workshop completion, along with 25
- • • • Continuing Medical Education (CME) credits.



Scan the code
for Registration

For further Information, please contact:

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<https://microcredentials.uob.edu.bh/>