

NUTRITION

Learning objectives of Metabolic and Nutrition Issues in Patients Receiving Continuous Renal Replacement Therapy.

1. Apply an understanding of continuous renal replacement therapy (CRRT) modalities when designing nutrition regimens for adult patients receiving CRRT.
2. Appropriately assess the nutritional status of adult patients receiving CRRT.
3. Design an appropriate plan for provision of parenteral or enteral nutrition for adult patients receiving CRRT.
4. Develop an appropriate plan for the management of electrolytes, vitamins, and trace elements in adult patients receiving CRRT.
5. Design a plan to appropriately manage the acid-base status of adult patients receiving CRRT.
6. Develop a monitoring plan for nutrition therapy in adult patients receiving CRRT.

Learning objectives of Home Parenteral Nutrition.

1. Assess and apply patient data to determine appropriate indications for home parenteral nutrition (PN).
2. Describe the steps necessary to transition a patient receiving PN from the inpatient setting to home.
3. Explain the appropriate and inappropriate central venous access devices (CVADs) for a patient receiving home PN.
4. Apply patient-specific clinical information to determine the appropriate goals for a patient receiving home PN.
5. Be able to detect, prevent, and manage significant complications in a patient receiving home PN.

Learning objectives of Immunonutrition.

1. Evaluate the proposed mechanisms of benefit for immune-enhancing components of enteral nutrition (EN) formulations.
2. Distinguish between outcomes of immunonutrition in patients based on preexisting nutritional status and differing severities of illness or injury.
3. Assess the differences in outcomes observed among the various immune-enhancing EN formulations based on the composition of the formulation and the patient population studied.
4. Assess the potential for patient harm with the use of immune-enhancing EN formulations.
5. Evaluate patient cases to determine the appropriateness of using immune-enhancing EN.

Learning objectives of Dietary Supplements.

1. Demonstrate the impact of the Dietary Supplement Health and Education Act of 1994 on the regulation and sale of dietary supplements.
2. Distinguish the role and scope of dietary supplement use in the United States.
3. Given patient cases, analyze the potential for interactions between dietary supplements and conventional drugs.

4. Evaluate the potential for adverse events related to dietary supplements.
5. Given a specific dietary supplement with recent clinical trial experience, assess benefit versus risk of its use.