Module GH1216

Objectives

- Discuss the general principles of fluid management in the premature neonate
- Review how humidity affects the premature neonate’s water balance
- Identify the basic fluid, electrolyte and glucose needs of the premature infant
- Name factors that predispose the premature infant to hypoglycemia
- Summarize nutritional support needed for the premature infants

Chapter 12 - Fluids, Electrolytes, and Nutrition

Content Outline

1. Fluid Management
   1.1 Definitions of water composition
   1.2 General principles in management of fluid balance
   1.3 Advantages and disadvantages of humidification

2. Glucose Needs
   2.1 Predisposition to hypoglycemia for premature infants
   2.2 Maintenance of adequate glucose levels

3. Nutritional Support
   3.1 Protein
   3.2 Fats/lipids
   3.3 Enteral feedings

Reading Material Resources

Module GH1216: Fluids, Electrolytes, and Nutrition is based on the chapter listed below. A copy is included with the module.

Chapter 12, Fluids, Electrolytes, and Nutrition, Golden Hours: Care of the Very Low Birth Weight Infant, Bissinger, R.L., and Annibale, D. J., The National Certification Corporation (NCC), Chicago, IL, 2014.