Chapter 36:

LEARNING OBJECTIVES

On completion of the chapter, the reader will be able to:

1. Identify the body compartments where potassium and magnesium are highly concentrated.
2. Discuss the metabolic processes that tightly regulate potassium and magnesium homeostasis.
3. Determine the causes of disorders of potassium and magnesium homeostasis, including those related to medications.
4. Identify the common clinical presentations associated with disorders of potassium and magnesium homeostasis.
5. Develop rational pharmacotherapy treatment and monitoring plans for hypo- and hyperkalemia and hypo- and hypermagnesemia.