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# Objectives and Program Schedule

MedBridge Education

*How Changes in Lab Values Can be Identified in All Practice Settings*

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## Learning Objectives

### Chapter 1 The Role of Ions in Various Cell Types and Action Potentials

The participant will

- Identify how ions transfer across membranes
- State examples of ions responsible for cardiac cell function
- State the ion shifts that produce neural action potentials

### Chapter 2 The Basic Metabolic Panel

The participant will

- Understand the diseases that can increase a patient's potential to have changes in ion concentration
- Identify the organ systems primarily affected by changes in ion concentration
- Name the vital sign measures that should be used to identify a patient who may have ion concentrations outside of the reference range

### Chapter 3 The Complete Metabolic Panel

The participant will

- Understand the diseases that can increase a patient's potential to have changes in ion concentration
- Identify the organ systems primarily affected by changes in ion concentration
- Name the vital sign measures that should be used to identify a patient who may have ion concentrations outside of the reference range