ICD-10-CM A&P Module: Chapter 4 - Endocrine, Nutritional and Metabolic Diseases (E00-E89)

Course Description

ICD-10-CM A&P Module: Chapter 4 - Endocrine, Nutritional and Metabolic Diseases (E00-E89) is designed to enhance coding professionals' knowledge in anatomy, physiology, and pathophysiology terminology for conditions related to endocrine, nutritional and metabolic diseases. This module contains many frequently coded conditions such as disorders of the thyroid gland, obesity, dehydration, and diabetes mellitus.

Learning Objectives

✔ Learn the distinctions between the nervous and endocrine systems;

✔ Understand the roles of the hypothalamus and adenohypophysis and the control of pituitary secretions;

✔ Name the functions of the posterior lobe of the pituitary;

✔ Comprehend the importance of and mechanisms of feedback in the control of hormone production;

✔ Study the organs of origin and actions of major hormones such as growth hormone, antidiuretic hormone, the thyroid hormones, parathyroid hormone, the catecholamines, the corticosteroids, etc;

✔ Learn the chemical nature of various hormones plus their synthesis, transport, clearance, and interactions; hormone receptors, second messengers, enzyme amplification, and other changes coming about within the target cell;

✔ Understand the effects of hormone concentration and changes in numbers of receptor sites;

✔ Name the symptoms of diabetes mellitus and the distinctions in causes and treatments between the insulin dependent and non-insulin dependent forms;

✔ Name hormones coming from organs not primarily endocrine in function

✔ Gain an understanding of the development and diagnosis of significant endocrine disorders such as hypopituitarism, hyperpituitarism, diabetes insipidus, hypothyroidism, endemic goiter, Graves disease, hyperparathyroidism, pheochromocytoma, Cushing syndrome, SAD, and others

✔ Apply new knowledge with ICD-10-CM coding examples

BONUS! This course also qualifies for **2 hours** towards AAPC and AHIMA's new ICD-10 CE