

Covenant School of Nursing
Instructional Module 4 Learning Guide
Topic: Endocrine

Learning Goals/Outcomes

Upon completion of this lesson, you will be able to relate the following to acute/chronic imbalance of the thyroid, parathyroid and adrenal glands:

- Plan & prioritize care interventions for a person with acute/chronic endocrine imbalance.
- Evaluate patient outcomes of therapies for endocrine imbalance.
- Teach an individual with chronic endocrine imbalance the interdisciplinary therapies required for health maintenance.
- Identify the prototype and describe the actions, uses, adverse effects, contraindications, and nursing implications for medications used to treat disorders of the thyroid gland, parathyroid gland; and adrenal glands.
- Apply the nursing process to promote normal metabolic regulation in providing culturally competent care for individuals experiencing an endocrine imbalance.

Pre-Class Preparation

Required:

- Lehne, 11th ed: Ch. 61, pp. 703-704; Ch. 62, pp. 711-712; Ch. 63, pp. 719
- Lewis, 11th ed: Ch. 47 and 49

Additional Resources:

- Addison's Disease: <https://youtu.be/GwKKhgQJCH8>
- Cushing's Syndrome: <https://www.youtube.com/watch?v=AzUj-UTvZDk>
- Hormone Health Network: <http://www.hormone.org/>
- Parathyroid: <https://www.youtube.com/watch?v=UmXHhsPwGP0>
- Thyroid: <https://www.youtube.com/watch?v=SVSBo065hmw>

Learning Activities

Classroom Activities:

- Lecture
- Case Studies
- Discussion

Laboratory/Clinical Activities:

- Participate in the care of patients with endocrine disorders

Out of Class/Computer Assisted Activities:

- HESI: see HESI across the curriculum sheet

Evaluation Methods

- Unit Exam

Texas DECs	QSEN Competencies
<p>Knowledge: I.A.1a-c, A.2-4; B.1.b,e; B.2.a,b; B.3;B.4; B.6.a; B.7.c; B.8; II.A.1- 4; B.1- 7; B.10 - 12;C.1 - 8; D.1-5; E.1 - 6; E.9-13; F.1-2; G.1-3; H.1-4.a; H.6; III.A.1- 6; B.1.b-3; C.1- 2; D1.a-c; E.1-2; IV.A.1-2; A.4.b; A.5.a,b; B.1-3; C.1; C.3- 8; D.1-4; E.1-2; F.1- 4; G.1- 4</p> <p>Clinical Judgments and Behaviors: I.A.a-c; B.1; B.2.a,b; B.3; 4.c; B.5.a; B.6.a; C.2; C.3.a; C.5; D.1-5; II.A1-4; B.1- 9; C.1-7; D.1-4; E.1-13; F.1-6; G.1-7; H.1-6; III.A.1-5.a; B.1- 9; C.1-22.a; D.1-3; IV. A.1-3; B.1-3, 5a,b; C.1-2.a,b; 3-4; D.1-2; E.1a,b,c; 2-3a,c; 4; F.1-2; G.1-4</p>	<p>Patient-Centered Care Teamwork & Collaboration Evidence Based Practice Safety</p>
Graduate Competencies / Student Learning Outcomes	NCLEX Test Plan
<p>1, 2, 3, 4, 5, 6, 7, 8</p>	<p>Safe/Effective Care Environment: <i>Management of care- Interdisciplinary team, Safety & Infection Control-Injury prevention, Home Safety, Standard precautions, Safe use of equipment.</i> Health Promotion/Maintenance: Health promotion/Disease prevention, Health screening, Self- care, Techniques in physical assessment. Psychosocial Integrity: Coping mechanism, Cultural awareness/influences on health, Sensory/perception alteration, Support systems, Therapeutic communication. Physiological Integrity: Basic Care & comfort – Nutrition & hydration, <i>Pharmacological Therapies- Adverse & Side effects, contraindications, Interactions, Dose calculation, Expected Actions & outcomes, Medication administration, IV therapies.</i> <i>Reduction of Risk-Diagnostic & lab tests, Potential for alteration in body systems, Potential for complications of diagnostic tests, treatment, procedures;</i> Potential for complications from surgical procedures & health alterations. <i>Physiological Adaptation-Alteration in body systems, Fluid & electrolyte imbalances, Illness management, medical emergencies, pathophysiology, unexpected response to therapies</i></p>
Concepts	Faculty
<p><i>Metabolism, Clinical judgement, Comfort, Communication, Coping, Diversity, Fluid & electrolyte balance, Functional Ability, Health promotion, Nutrition, Patient Centered care, Patient education, Safety, Sensory perception, Sexuality, Teamwork & collaboration, Tissue integrity</i></p>	<p>T. Nesbitt</p>
<p>Date originated: 2-1-16</p>	<p>Revision Dates: 7-26-16; 8-2-17, 7-23-19, 11-7-22</p>

Mod 4 Learning Guide

Topic: Endocrine cont'd

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