

MT-2301: PATHOLOGY FOR MASSAGE THERAPISTS

Cuyahoga Community College

Viewing: MT-2301 : Pathology for Massage Therapists

Board of Trustees:

March 2021

Academic Term:

Fall 2021

Subject Code

MT - Massage Therapy

Course Number:

2301

Title:

Pathology for Massage Therapists

Catalog Description:

Introduction to disease and basic mechanisms of disease for massage therapists. Diseases of skin, musculoskeletal system, nervous and endocrine systems. Other diseases to include cardiovascular, lymphatic, respiratory, digestive, urinary, reproductive, and immune systems. Role of stress in disease, mental, emotional and genetic.

Credit Hour(s):

3

Lecture Hour(s):

3

Requisites

Prerequisite and Corequisite

Concurrent enrollment in MT-1242 Fundamentals of Somatic Studies for Massage Therapists I or departmental approval.

Outcomes

Course Outcome(s):

A. Apply knowledge of disease when working as a massage therapist.

Objective(s):

1. Define disease in terms of homeostasis.
2. Cite examples of homeostatic imbalance.
3. List factors which contribute to disease.
4. Distinguish between signs and symptoms of disease.
5. Identify the common diseases of the skin, bones and joints, muscles, nervous system, and immune system.
6. Identify common diseases of the cardiovascular system, lymphatic system, respiratory system, digestive system, urinary tract, and reproductive system.
7. Describe and discuss various forms of cancer.
8. Relate the role that stress plays in disease.
9. Evaluate therapeutic outcomes and make referrals.

Methods of Evaluation:

1. Weekly quizzes
2. Written assignments
3. Oral presentations

4. Written examinations
5. Homework

Course Content Outline:

1. Pathology: branch of medicine that studies etiology, characteristics and effects of diseases
 - a. Factors that cause disease
 - b. Homeostasis
 - c. Manifestations of disease: signs and symptoms
 - d. Diagnosis of disease
2. Diseases of the skin (integumentary system)
 - a. Skin lesions
 - b. Infectious skin diseases
 - c. Allergic conditions
 - d. Metabolic conditions
 - e. Neoplastic conditions
 - f. Miscellaneous conditions
 - g. Aging and effects on the integumentary system
 - h. Case presentations
3. Inflammation and repair
4. Diseases of the musculoskeletal system
 - a. General
 - b. Specific
 - c. Endangerment sites
 - d. Aging and musculoskeletal system
 - e. Case presentations
5. Diseases of the nervous system
 - a. General
 - b. Specific
 - c. Aging and the nervous system
 - d. Case presentations
6. Disorders of the endocrine system
7. Diseases of the cardiovascular system
 - a. General
 - b. Specific
 - c. Case presentations
8. Diseases of the lymphatic system
 - a. General
 - b. Specific
 - c. Case presentations
9. Diseases of the immune system
 - a. Immunity and the immune response
 - b. Allergies
 - c. Communicable disease
 - d. General
 - e. Specific
 - f. Care of the immune system
 - g. Case presentations
10. Diseases of the respiratory system
 - a. General
 - b. Specific
 - i. Communicable respiratory illness
 - ii. Chronic obstructive pulmonary diseases
 - c. Case presentations
11. Diseases of the digestive system including diseases of dietary excess and deficiency
12. Diseases of the urinary system
13. Types of cancer and massage indications and contraindications.

Resources

Tortora, Gerald J. and Bryan H. Derrickson. *Principles of Anatomy and Physiology*. 15th ed. John Wiley and Sons, 2018.

Werner, Ruth. *Massage Therapist's Guide to Pathology*. 7th ed. Lippincott Williams and Wilkins, 2019.

Berkowitz, Aaron. *Clinical Pathophysiology Made Ridiculously Simple*. Miami: MedMaster, 2007.

Salvo, Susan G. *Mosby's Pathology for Massage Therapists*. 4th ed. St. Louis, MO: Elsevier, 2018.

[Top of page](#)

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