

General and Oral Pathology

Course Information

Developers: Dental Hygiene State Curriculum Committee

Bobette Maier, Colby Community College; Rhonda Weatherbie, Flint Hills Technical College; Cheryl Bosiljevac, Flint Hills Technical College; Tony Kim, Manhattan Area Technical College; Cheryl Seitz, Manhattan Area Technical College; Kylie Austin, Manhattan Area Technical College; Margaret LoGiudice, Johnson County Community College; Terry Callihan, Johnson County Community College; Lenora Clark, Johnson County Community College.

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KBOR Facilitators: Rita Johnson/Shirley Antes/April Henry

Total Credits: 3 credits

Description

This course prepares the student dental hygienist to determine when to consult, treat or refer clients with various disease, infection or physiological conditions. Students learn to recognize the signs, causes, and implications of common pathological conditions including inflammatory responses, immune disorders, genetic disorders, developmental disorders of tissues and cysts, oral tissue trauma, and neoplasm of the oral cavity.

Competencies:

1. List the characteristics of a healthy cell.
2. Describe how the environment and disease affect cellular health.
3. Identify anatomic landmarks on radiographs.
4. Discuss oral conditions affecting infants and children.
5. Identify defective tooth morphology and structure.
6. Describe how the body's immune system functions and responds to the inflammatory response.
7. Describe the relationship of diagnosis to clinical manifestations, etiology, treatment and prognosis.
8. Formulate a differential diagnosis.
9. Describe the process by which a definitive diagnosis is reached.
10. Appropriately communicate pathologic findings to dentists, patients and other health professionals.
11. Define terms used to describe various pathologic conditions.
12. Describe the clinical manifestations, radiographic appearance, histological features, etiology, prognosis and treatment, and differentiate specific pathoses associated with the head, neck, teeth and periodontium in the following conditions:
 - a. Inflammation

- b. Reactive and traumatic disturbances
 - c. Bacteria, viral diseases and infections
 - d. Oral dermatological diseases
 - e. Developmental disturbances
 - f. Pulp and periodontal disease
 - g. Odontogenic tumors and cysts
 - h. Nonodontogenic tumors and cysts
 - i. Neoplasia
 - j. Salivary gland tumors
 - k. Vitamin and bone diseases
 - l. Blood dyscrasia
13. Identify the different types of temporomandibular disorders.
14. List and describe the categories of treatment for temporomandibular disorders.