

Care of Medical and Surgical Patients In the Clinical Setting

Musculoskeletal and Connective Tissue Disorders and Hematology/Oncology

Contact Hours: 6.75 CE



Introduction

This seminar deals with a variety of conditions seen in the clinical setting. The physiology of the musculoskeletal system is reviewed to enhance an understanding of the various alterations which can occur. Pharmacologic interventions and monitoring parameters are discussed in relation to the various disease conditions. A review of hip and knee arthroplasty is also included to impact the early detection of postoperative complications.

The hematological system is reviewed to enable practicing nurses to detect subtle signs and symptoms which may indicate abnormalities. Lab values are reviewed to enhance understanding of treatment modalities and the impact of various interventions.

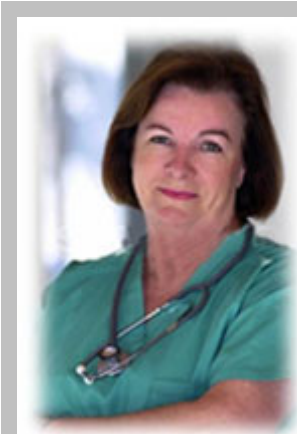
The various cancers resulting from abnormalities in the bone marrow, lymph tissue and female reproductive tract are also explored.

Objectives

1. Describe the relationship between muscle and connective tissue function and potential assessment findings.
2. Verbalize an understanding of rheumatoid arthritis, the potential clinical manifestations and treatment options.
3. Differentiate between select alterations in musculoskeletal function in terms of pathophysiology, signs and symptoms and management. Alterations include fibromyalgia, osteoporosis, bursitis, low back pain, fractures, and gout.
4. Verbalize an understanding of the pathology, clinical manifestations and treatment options for osteoarthritis including hip and knee replacements and the potential complications associated with each.

5. Discuss the role of the hematological system and the abnormalities which cause the various types of anemias and idiopathic thrombocytopenic purpura.
6. Identify the incidence, clinical manifestations and treatment options in disorders of the bone marrow and lymph tissue. Disorders include the adult leukemias, Hodgkin's and Non-Hodgkin's disease, and multiple myeloma.
7. Describe the clinical manifestations seen in the most common cancers of the female reproductive tract.

Recent seminar participants had this to say about "Musculoskeletal and Connective Tissue Disorders and Hematology/Oncology":



"Great review of many abnormalities we see in patients. The lab values were especially beneficial. This will really help me notice signs and symptoms and better understand my patient's needs."

"The audiovisuals were very good to help understand the different conditions."

"This session is not only good for my patients, but also for myself as a woman. It will help me in some of the health promotion education I do for patients."



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