

Disorders of Bone

Course Description:

Clients presenting with bone disorders make up a significant percentage of the therapist's practice. This course is designed to provide the therapist with an understanding of various disorders of bone including: fracture, osteonecrosis, Legg-Calvé-Perthes Disease and Osgood-Schlatter Disease. Content includes definition, incidence, risk factors, pathogenesis, clinical manifestation for each area. Sections also include special implications for the treating therapist based on the PT Preferred Practice Patterns.

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Course Objectives:

Course Participants will be able to:

A. Fracture

1. Define fracture
2. Describe incidence and risk fractures associated with fracture and identify types of fractures
3. Understand the pathogenesis of bone fracture
4. Identify clinical manifestations of fracture
5. Describe medical management of bone fracture including prevention, diagnosis, treatment and prognosis
6. Describe special implication for the therapist in treatment of fracture as pertains to the PT Preferred Practice Pattern
7. Describe differentiation of stress reaction vs. fracture
8. Describe causes and prevention of falls

B. Define osteochondroses

C. Osteonecrosis

1. Define and describe incidence of osteonecrosis
2. Describe etiologic and risk factors of osteonecrosis and conditions associated with osteonecrosis
3. Describe pathogenesis of osteonecrosis
4. Describe clinical manifestations of osteonecrosis
5. Describe medical management of osteonecrosis including diagnosis, treatment and prognosis.
6. Describe special implication for the therapist in treatment of osteonecrosis as related to PT Preferred Practice Patterns

D. Legg-Calvé-Perthes Disease

1. Define Legg-Calvé-Perthes Disease
2. Describe pathogenesis of Legg-Calvé-Perthes Disease including stages of the disease
3. Describe clinical manifestations of Legg-Calvé-Perthes Disease
4. Describe medical management of Legg-Calvé-Perthes Disease including diagnosis, treatment and prognosis of the disorder
5. Describe implications for the therapist as it relates to the PT preferred Practice Patterns.

E. Osgood-Schlatter Disease

1. Define Osgood-Schlatter Disease
2. Describe etiologic factors and pathogenesis of Osgood-Schlatter Disease
3. Describe clinical manifestations of Osgood-Schlatter Disease
4. Describe medical management of Osgood-Schlatter Disease including diagnosis, treatment and prognosis

CEU Approvals:

For information on specific state approval of this course, refer to PT On-Line Courses "About State Approvals" page.