



Online Continuing Education Courses
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AOTA Approved Provider #4023

Course Title: Diagnostic Imaging 106

Sub-Title: The Elbow, Wrist and Hand

Source: Diagnostic Imaging for Physical Therapists, 1st ed., by James Swain MPT, Kenneth W. Bush MPT Phd, Juliette Brosing PhD

Source Description: With the ever-increasing demand on physical therapists to develop the most effective treatment interventions comes this invaluable imaging resource covering exactly what you need to know! Diagnostic Imaging for Physical Therapists gives you the knowledge to understand the basic principles of musculoskeletal imaging and how to interpret radiographic images in your physical therapy practice. This straightforward, highly illustrated text is organized by body region and covers all the fundamentals with an emphasis on standard, two-dimensional x-rays. With this indispensable text, you'll recognize when diagnostic imaging is necessary, and you'll be able to interpret the results with confidence.

See course outline below for details and inclusive content in Diagnostic Imaging 106 course

Target Audience: OT/OTA and other healthcare professionals

Course Length: 2 hours

Course Author/Instructor: James Swain MPT, Kenneth W. Bush MPT Phd, Juliette Brosing PhD / Brown, MS, OTR/L, CHT

Educational Level: Introductory, Intermediate, Advanced

Course Objectives:

At the end of this course, participants will be able to:

- Recall the three standard elbow views, three standard wrist views, three standard hand views, two standard thumb views, and the phalanges view and their purposes
- Identify the normal and pathologic alignment of the standard views of the elbow, wrist, and hand
- Identify the normal and pathologic dimensions and densities of the elbow, wrist, and hand bones

- Identify normal and pathologic cartilage
- Identify the normal and pathologic presentation of soft tissue
- Identify film abnormalities, given a history and x-ray film
- Use x-ray film information to adjust a therapy treatment program

Outline of Content:

Hour #1

Introduction

Remarks

Objectives

Standard Views

Hand

Wrist

Digits

Elbow

Evaluation of the Elbow, Wrist, and Hand

Using ABCS Elbow AP

Alignment

Bone Density and Dimension

Cartilage

Soft Tissue

Elbow Lateral

Alignment

Bone Density and Dimension

Cartilage

Soft Tissue

Wrist PA

Alignment

Bone Density and Dimension

Cartilage

Soft Tissue

Wrist Lateral

Alignment

Hour #2

Bone Density and Dimension

Wrist Oblique

Hand and Distal Radial Fractures and
Metacarpal Injuries PA, Lateral, and

Oblique

Alignment

Bone Density and Dimension

Cartilage

Phalanges PA and Lateral
Alignment
Bone Density and Dimension
Cartilage
Soft Tissue
Thumb AP and Lateral
Alignment
Bone Density and Dimension
Cartilage
Soft Tissue
CASE STUDIES
CASE STUDY A
CASE STUDY B
CASE STUDY C

Instructional Methods and Formats:

Online course available 24/7 at www.OnlineCE.com includes PDF downloadable course. See course formats for additional details.

Course Completion Requirements:

A minimum passing score of 100% is required for course completion. You will have as many attempts as needed until your passing score of 100% is achieved. Upon successful completion of course, you will receive your certificate of completion and AOTA eligible CEUs.

AOTA Classification Codes: Category

1: Domain of OT

Category 2: Occupational Therapy Process

Category 3: Professional Issues

Additional Policies:

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