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**Course Title:** Diagnostic Imaging 102

**Sub-Title:** The Cervical Spine

**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 102 course.

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

**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:

- Identify normal and abnormal alignment of the five standard views
- Identify normal and abnormal densities or dimensions of the cervical spine
- Identify normal and abnormal cartilage
- Identify normal and abnormal soft tissue findings in the cervical spine

- Identify film abnormalities, given a history and x-ray film
- Use information from x-ray films to adjust a physical therapy treatment program

## **Outline of Content:**

### **Hour #1**

Introduction  
Remarks  
Objectives  
Standard Views  
Evaluation of the Cervical Spine  
Using ABCs  
Odontoid (Open Mouth) View  
Alignment  
Bone Density and Dimension  
Cartilage  
Soft Tissue  
Anterior/Posterior View

### **Hour #2**

Alignment  
Bone Density and Dimension  
Cartilage  
Soft Tissue  
Left and Right Oblique Views  
Lateral View  
Alignment  
Bone Density and Dimension  
Cartilage  
Soft Tissue  
Variations on “Normal”  
CASE STUDIES  
CASE STUDY A  
CASE STUDY B  
CASE STUDY C

## **Instructional Methods and Formats:**

Online course available 24/7 at [www.OnlineCE.com](http://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:**

OnlineCE Policies are available by clicking on the tab – Policies – located in the left hand navigation bar.

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