

Course Title: Hand Therapy 146

Course Subtitle: Hand Infections Epidemiology and Public Health Burden

Course Description: Hand infections and their sequelae are a significant public health burden worldwide. Even when treated appropriately, infections can result in scarring, joint contractures, stiffness, and chronic pain. Although the field of hand surgery has evolved over the past century, infections of the hand, their causes, and treatments remain largely unchanged. Prompt diagnosis, surgical debridement, and antibiotic coverage remain the standard of care. As medical treatments for complex diseases improve, patients with chronic diseases are surviving longer. Identification of infection in immunosuppressed patients can be difficult because typical signs and symptoms are often lacking. Public health problems such as intravenous drug use lead to new challenges in treating patients with acute hand infections. The purpose of this lesson is to review the epidemiology and social impact of upper extremity infections.

Course Source: Hand Clinics

Course Length: 1 hour

Course Authors: Multiple

Course Instructor: Joanne Brown, MS, OTR/L, CHT

Target Audience: OT/OTAs, PT/PTAs,

Educational Level: Introductory, Intermediate, Advanced

Course Objectives:

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

- Discuss the history of hand infections and list the “5 great spaces” of the hand as described by Dr. Allan Kanavel
- Discuss the epidemiology of hand infections and describe 2 key points related to incidence, and economic impact
- Describe the 2 most common bacteria responsible for common hand infections and become familiar with antibacterial resistance
- Outline and describe 6 risk factors and comorbidities for developing hand infections, including diabetes, HIV, immunosuppression, IV drug use, occupation and region
- Discuss 4 principles of diagnosis and rehabilitation of hand infections

Outline of Content:

Hour #1

Introduction

History

Epidemiology

Incidence

Morbidity and Sequelae

Microbiology and Antibacterial Resistance

Economic Impact

Risk Factors and Comorbidities

Diabetes

Human Immunodeficiency Virus

Immunosuppression

Intravenous Drug Use

Occupation

Region

Diagnosis and Management of Hand Infections

Diagnosis

Management Principles

Rehabilitation

Summary

Instructional Methods and Formats:

Online course available 24/7 at www.OnlineCE.com includes audiovisual presentation with downloadable PDF handout.

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 top-navigation bar.

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