



Course Title: Hand Therapy 146 - Hand Infections Epidemiology and Public Health Burden

Course Source: Hand Clinics, August 2020.

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 led 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.

Target Audience: OT / OTA and other healthcare professionals

Course Type: Video vs. Text-based

Educational Level: Beginner, Intermediate, Advanced

CE Hours: 1 contact hour / .1 ceu

Course Prerequisites: None

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Learning Objectives:

- 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

Agenda:

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

Course Completion Requirements:

A 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 and completing a satisfaction survey, you will receive your certificate of completion.

Additional Course Information

Course Registration: Register for Free at www.OnlineCE.com. Once registered, you can begin to purchase courses. Contact info@onlinece.com for special needs requests and assistance.

Refund Policy: There will be no refunds for courses taken at OnlineCE.com or monies deposited into My CE Bank. Any money on account will be used for taking future courses. If you start a course in error, or if you are dissatisfied with a course, please contact us in the first part of the course and we will void the course and you can select a replacement course.

Cancellation Policy: Only available courses are offered online and on-demand and available for purchase. No registration fees are collected for courses that are not provided on-demand. Due to the online and on demand format, courses are not cancelled.

Course Date and Location: This is an independent course that is available 24/7 on-demand at www.OnlineCE.com.

Required Materials and Equipment: Courses offered on OnlineCE.com can be accessed on any type of computer or device. No special software is required but we do recommend the use of the Chrome Browser (recommended, not required). All course materials are contained within the courses and no prerequisites are required.

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