



**Course Title:** Hand Therapy 138 - Hand Infections Associated with Systemic Conditions

**Course Source:** Journal Article / Hand Clinics Aug 2020

**Description:** Life expectancies for many systemic conditions, including human immunodeficiency virus (HIV), diabetes mellitus (DM), and rheumatoid arthritis (RA), have increased with more effective treatment regimens available. Such patients are at higher risk for infection because of their immunocompromised state. The higher incidence of complications due to upper extremity infections is well established for these patients. More specifically, treating physicians are increasingly encountering hand infections and, therefore, the management of these infections in patients with systemic conditions has become increasingly relevant. Furthermore, approaches to management of hand infections require individualized care and special consideration to the patient's healing potential within the context of the specific systemic condition. In this lesson, the authors aim to provide an overview of the presentation of hand infections in patients with associated systemic conditions and a review of the most current methods, techniques, evidence, and controversies in the management and treatment of hand infections for patients with HIV and diabetes mellitus; approaches for infection management in the setting of RA, tuberculosis, and transplant patients are also briefly discussed.

**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

**Course Author / Instructor:**

**Learning Objectives:**

- Examine the diagnosis of HIV and explain how it compromises the immune system
- Describe the diagnoses of herpetic whitlow, human papillomavirus (HPV) and fungal infections
- Examine the condition of diabetes including diagnosis, presentation, treatment and discuss why people with diabetes are at an increased risk for hand infections
- Describe necrotizing fasciitis and its treatment
- Examine the diagnoses of rheumatoid arthritis, tuberculosis and transplant patients and describe why these people are at increased risk for hand infection

**Agenda:**

**Hour #1**

Introduction

Overview  
Human immunodeficiency virus  
Diagnosis/presentation Treatment  
Herpetic Whitlow  
Human Papillomavirus  
Fungal Infections  
Complications  
Diabetes Mellitus  
    Diagnosis/presentation Treatment  
    Necrotizing Fasciitis  
Other systemic conditions  
    Rheumatoid Arthritis  
    Tuberculosis  
    Transplant Patients  
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](http://www.OnlineCE.com). Once registered, you can begin to purchase courses. Contact [info@onlinece.com](mailto: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](http://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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