



Course Title: **Course Title:** Hand Therapy 144 - Elbow Fracture-Dislocations: Determining Treatment Strategies

Course Source: Hand Clinics, Nov. 2020

Course Description: Elbow dislocations represent the second most common medium to large joint dislocation of the upper extremity after the glenohumeral joint. The incidence has been reported at 5.2 cases per 100,000 person-years. Roughly one-quarter of all elbow dislocations involve a fracture. These injuries can be debilitating for patients, and the sequelae may be fraught with complications, including recurrent instability, posttraumatic arthritis, contracture, and poor functional results. Although these can be difficult injuries to manage, there are workable algorithms for care. The goal of treatment of these injuries is to achieve stable fixation of the appropriate ligamentous and bony structures in order to achieve a stable, functional, and pain-free elbow. Early determination and appreciation of the magnitude and scope of injury generally leads to a more favorable result. This lesson reviews the relevant periarticular anatomy of the elbow and discusses appropriate evaluation and treatment of elbow fracture-dislocations. The 3 mechanism-based classifications of elbow fracture-dislocation are discussed individually because the treatment strategies differ between them.

Target Audience: OT / OTA and other healthcare professionals

Course Type: Video vs. Text-based

Educational Level: Beginner, Intermediate, Advanced

CE Hours: 2 contact hour / .2 ceu

Course Prerequisites: None

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Learning Objectives:

- Outline and describe the three main patterns of elbow-fracture dislocation
- Describe 3 important components of a work-up for elbow-fracture dislocations seen in the emergency room
- Outline and describe 5 fixation techniques for elbow-fracture dislocation
- Recite 3 main principles related to aftercare and rehabilitation
- Examine various complications that occur following elbow-fracture dislocations

Agenda:

Hour #1

Introduction

Anatomy

Classification by Mechanism
Valgus Posterolateral Rotatory Instability Pattern
Varus Posteromedial Rotatory Instability Pattern
Transolecranon (Axial Load) Pattern
Emergency Room Management
Work-Up and Definitive Treatment
 Transolecranon Work-up
 Posteromedial Rotatory Instability Work-up

Hour #2

Fixation Strategies
 Radial Head Fractures
 Olecranon Fractures
 Coronoid Fractures
 Lateral Collateral Ligament Complex
 Medial Collateral Ligament Complex
Aftercare and Rehabilitation Principles
Complications
 Recurrent Instability
 Heterotopic Ossification
 Elbow Stiffness
 Post Traumatic Arthritis

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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