



OFFICE of CONTINUING
MEDICAL EDUCATION
Quillen College of Medicine
EAST TENNESSEE STATE UNIVERSITY

ETSU Applied Anatomy & Clinical Procedure Series: Upper Extremity Joint Injections

Saturday, February 22, 2020

ETSU Quillen College of Medicine - Johnson City, TN

Saturday, February 22, 2020

7:30 AM – 7:50 AM	Breakfast and Registration	
7:50 AM – 8:00 AM	Welcome and Introductions	Learning Objectives: <i>As a result of participating in this activity, the attendee will be able to...</i>
8:00 AM – 9:00 AM	Applied Anatomy & Clinical Procedure of Upper Extremity Joint Injections	<ul style="list-style-type: none">• Discuss upper extremity joint injection indications and potential complications• Identify relevant anatomy of the shoulder and elbow, including the positioning and anatomical landmarks for the procedure• Describe the relevant anatomy of the joint space and relate this to the location of needle entry• Describe the indications for using ultrasound for the different joints of the upper extremity
9:00 AM – 9:15 AM	Break and Transition into Lab	
9:15 AM – 10:15 AM	Clinical Anatomy Station: Applied Anatomy of Shoulder & Elbow Injections <i>Breakout Session 1</i>	<ul style="list-style-type: none">• Identify relevant anatomy of the shoulder, including the positioning and anatomical landmarks for the procedure• Describe the relevant anatomy of the joint space and relate this to the location of needle entry• Demonstrate the basic approach and technique for joint evaluations and injections of the shoulder

10:15 AM – 10:25 AM	Transition to Breakout Session 2	
10:25 AM – 11:25 AM	Procedural Station: Injecting the Shoulder & Elbow Joints <i>Breakout Session 2</i>	<ul style="list-style-type: none"> • Identify relevant anatomy of the elbow and shoulder, including the positioning and anatomical landmarks for injecting the joint. • Demonstrate the basic approach and technique for joint injections of the elbow & shoulder • Identify the indications for using ultrasound for the injecting joints of the upper extremity • Demonstrate competency in performing upper extremity joint injections
11:25 AM – 11:35 AM	Transition to Breakout Session 3	
11:35 AM – 12:35 PM	Simulated Scenario: Upper Extremity Joint Assessment <i>Breakout Session 3</i>	<ul style="list-style-type: none"> • Identify relevant symptoms and contraindications associated with shoulder and elbow injections • Demonstrate the basic approach and technique for joint evaluations • Demonstrate competency in performing upper extremity joint evaluations
12:35 PM – 12:45 PM	Debrief / Evaluation	



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Activity Directors Caroline Abercrombie, MD

Target Audience Family Practice Physicians, Internal Medicine Physicians, Emergency Medicine Physicians, Physician Assistants, Advanced Practice Nurses, CRNAs

**Overall
Conference
Objectives**

As a result of attending this activity, the participant will be able to:

- Discuss upper extremity joint injection indications and potential complications
- Identify relevant anatomy of the shoulder and elbow including the positioning and procedural landmarks
- Describe the relevant anatomy of the joint space and relate this to needle entry
- Demonstrate the basic approach and technique for evaluation and injection of upper extremity joints
- Describe the indications for using ultrasound for various upper extremity joints

**Disclosure
Information and
Potential
Conflicts of
Interest**

East Tennessee State University's Quillen College of Medicine, Office of Continuing Medical Education (OCME) holds the standard that its continuing medical education programs should be free of commercial bias and conflict of interest. It is the policy of the OCME that each presenter and planning committee member of any CME activity must disclose any financial interest/arrangement or affiliation with commercial organizations whose products or services are being discussed in a presentation. All commercial support of an educational activity must also be disclosed to the conference attendees.

**Participants with
No Potential
Conflicts of
Interest**

Each of the following individuals have completed a disclosure form indicating that neither they nor their spouse/family have a financial interest/arrangement or affiliation that could be perceived as a real or apparent conflict of interest related to the content or supporters involved with this activity:

Activity Directors

Caroline Abercrombie, MD

Planning Committee Members

Robert Becker, BS
Ben England, MD
James Johnston, MD
Jordan Newby
Jeremiah Tate, PT, PhD
Thomas Kwasigroch, PhD

Speakers/ Skills Session Instructors

Caroline Abercrombie, MD
Rob Becker, BS
Ben England, MD
James Johnston, MD
Jordan Newby
Jeremiah Tate, PT, PhD
Thomas Kwasigroch, PhD

Commercial Support Disclosure

It is the policy of the Office of Continuing Medical Education at Quillen College of Medicine, East Tennessee State University to disclose all commercial supporters of this educational activity from which educational grants were received. This activity has received NO commercial support via educational grants.

The mission of the Office of Continuing Medical Education at the Quillen College of Medicine is to provide lifelong learning opportunities that meet the needs of faculty, community physicians and other health professionals. In addition, the Office of CME is committed to excellence and dedicated to the improvement of health care in Northeast Tennessee and the surrounding Appalachian Region.

Handouts

If the author has given permission for us to share his/her presentation(s) it will be posted online and will be available for download and viewing at:

https://www.etsu.edu/com/cme/lower_extremity_2019.php

Transcripts of CME Credit

You have **30** days to complete the evaluation in order to claim credit. By completing the evaluation and posttest in the HighMarks system this activity will be added to your TRANSCRIPT, which is maintained in the ETSU Office of CME. You may print your transcript online from your HighMarks account. Ww2.highmarksce.com/etsu. Check with the Registration Desk for information on how to access and print your transcript, or call our office, 423-439-8027, with questions

**Conference
Planner**

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Accreditation



ACCME Accreditation: The Quillen College of Medicine, East Tennessee State University, is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.



CME Credit: Quillen College of Medicine, East Tennessee State University designates this live activity for a maximum of 4.0 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the Quillen College of Medicine, East Tennessee State University. The Quillen College of Medicine, East Tennessee State University is accredited by the ACCME to provide continuing medical education for physicians.

If you have questions, concerns, or comments about this activity, please contact:
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