



Tuesday, September 10, 2019

REGISTRATION DEADLINE: FRIDAY, AUGUST 9

NORTHWESTERN UNIVERSITY
RHEUMATOLOGY
ULTRASOUND-GUIDED
SYNOVIAL BIOPSY
TRAINING PROGRAM

SPONSORED BY

Northwestern University Feinberg School of Medicine
Office of Continuing Medical Education

THIS ACTIVITY HAS BEEN APPROVED FOR

6.0 AMA PRA
CATEGORY 1 CREDITS™

PROGRAM DESCRIPTION & OBJECTIVES

The Northwestern University Synovial Biopsy Training Program is a one-day course intended for rheumatologists and others who have prior training in musculoskeletal ultrasound and prior experience in ultrasound-guided musculoskeletal procedures such as joint injections. The purpose of the course is to provide familiarization with and basic instruction in the procedures necessary to obtain synovial tissue from inflamed joints (specifically the knee and the wrist, though the techniques can be applied to other joints as well) for the purposes of conducting research initiatives and establishing or contributing to biobanks of synovial tissue.

At conclusion of this course, participants should be able to establish a synovial biopsy program at their home institution. This will include an understanding of the correct equipment and supplies as well as human select selection and the consent process. Participants will observe the actual procedure with a real patient and will also gain hands-on experience and build confidence in the protocol and techniques in the setting of a cadaver lab.

The format includes a lecture, an observation of an actual procedure, a hands-on experience using human anatomic samples in surgical stimulation center recognized by the American College of Surgeons, and ample question-and-answer opportunities.

For any questions regarding the course, please send an email to the Course Directors.

Arthur Mandelin, MD, PhD, RMSK, RhMSUS

Assistant Professor, Division of Rheumatology

Email: a-mandelin@northwestern.edu

Harris Perlman, PhD

Chief, Division of Rheumatology

Email: h-perlman@northwestern.edu

TUITION

The fee is \$750.00 per person and includes academic presentations, course syllabus, daily continental breakfast and lunch.

LOCATION

Prentice Women's Hospital
Prentice WHLC Classroom J, 2nd Floor
250 East Superior Street
Chicago, Illinois 60611

REGISTRATION

Space is limited. Early registration is encouraged. Click: <https://northwestern.cloud-cme.com/default.aspx?P=5&EID=75534&formid=504> to register. Telephone registrations and/or cancellations are not accepted. Registration closes Friday, August 9.

TARGET AUDIENCE

Rheumatology

PROGRAM INFORMATION

LEARNING OBJECTIVES

At the conclusion of this activity, participants should be able to:

1. Recognize the need for minimally-invasive ultrasound-guided synovial biopsy as a method of obtaining fresh human synovial tissue for research purposes
2. Discuss the IRB approval process, the inclusion and exclusion criteria for the procedure, the consent process, and recruitment techniques
3. Compare and contrast the guillotine needle (True-Cut, Quick-Core) method vs the portal and forceps method for minimally-invasive ultrasound-guided synovial biopsy
4. Recognize the necessary equipment and facilities for each procedure method and how to obtain them
5. Demonstrate safe and appropriate technique for both the guillotine needle (True-Cut, Quick-Core) method and the portal and forceps method for minimally-invasive ultrasound-guided synovial biopsy on cadaveric human specimens in order to acquire the necessary procedural skill

ACCREDITATION STATEMENT

The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CREDIT DESIGNATION STATEMENT

The Northwestern University Feinberg School of Medicine designates this live activity for a maximum of 6.0 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only credit commensurate with the extent of their participation in this activity.

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CME CERTIFICATES/COURSE EVALUATION

In order to obtain your *AMA PRA Category 1 Credit(s)*[™] certificate, at the completion of this activity please follow these steps:

- Sign in to Northwestern University Feinberg School of Medicine's Office of CME website: www.cme.northwestern.edu using the email and password used to register for this activity.
- Click on "[My CME](#)" on the top right hand side of the homepage.
- Click on "[Evaluation & Certificate](#)." Choose the activity for which you wish to claim credit and evaluate.

You will be asked to enter the number of credits you are claiming.

- Once you complete the evaluation form, your certificate will auto-generate. Please print a copy for your records.

A copy of your credits will be saved on your transcript that can be found under "[My CME](#)" then click "[Transcript](#)."

You must fill out your evaluation and credit verification within 30 days post-activity to receive credit.

EDUCATIONAL SUPPORT

This educational activity is supported by an unrestricted education grant from:

- **[Pending]**

HOTEL SUGGESTIONS

Hyatt Centric Chicago Magnificent Mile

633 North St. Clair Street
Chicago, Illinois 60611
Phone: 312-787-1234

Warwick Allerton Hotel Chicago

701 North Michigan Avenue
Chicago, Illinois 60611
Phone: 312-440-1500

Cambria Chicago Magnificent Mile

166 East Superior Street
Chicago, Illinois 60611
Phone: 312-787-6000

PARKING

Parking is available at discounted rates. Please request parking validation at conference upon arrival.

DISCLOSURE DECLARATIONS

FACULTY/SPEAKER DISCLOSURE STATEMENT AND DISCLOSURE FOR DISCUSSIONS OF OFF-LABEL/INVESTIGATIONAL USE OF PHARMACEUTICAL PRODUCTS

In accordance with ACCME Standards for Commercial Support of Continuing Medical Education and the Feinberg School of Medicine's disclosure policy for CME activities, all individuals who contribute to the content or the identification/resolution of potential conflicts of interest must disclose any relationship they may have with **any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients within the preceding 12 months of the activity.** Such disclosure is intended to provide participants with sufficient information to evaluate whether any given presentation has been influenced by the faculty's relationships(s) or financial interest with said companies.

Circumstances create a conflict of interest when an individual has an opportunity to affect CME content about products or services of a commercial interest with which he/she has a financial relationship. The purpose for identifying and addressing potential conflicts of interest is to ensure a proper balance, independence, objectivity, and scientific rigor of the medical school's educational activities. The medical school does not view the existence of a financial relationship as necessarily implying bias or decreasing the value of participation in CME activities, but must ensure that a financial interest is not a conflict of interest.

Identifying Conflict of Interest: A six-tier peer review system has been developed to identify possible conflicts of interests.

- The first tier is the Speaker
- The second-tier is the Course Director and/or Planning Committee Members
- The third-tier is the CME Director
- The fourth-tier is the CME Review Committee
- The fifth-tier is the CME Medical Director
- The sixth-tier is the CME Coordinator

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FSM'S CME LEADERSHIP AND STAFF

Clara Schroedl, MD, Medical Director of CME
Has nothing to disclose.

Sheryl Corey, CME Director
Has nothing to disclose.

Jennifer Banys, Senior Program Administrator
Has nothing to disclose.

Allison McCollum, Senior Program Coordinator
Has nothing to disclose.

Rhea Alexis Banks, Administrative Assistant 2
Has nothing to disclose.

This activity is being sponsored by the Feinberg School of Medicine, Department of Rheumatology. The medical school has no significant relationship with the commercial companies whose products or services are being discussed in this educational activity.

COURSE DIRECTORS AND PLANNING COMMITTEE

Arthur M Mandelin, MD, PhD *Has financial relationships with the Speaker Bureau of AbbVie, Genentech, Lilly, Pfizer, Sanofi/Genzyme-Regeneron, UCB & CVS.*

Harris R Perlman, PhD
Has nothing to disclose.

Lourdes Diana Carandang
Has nothing to disclose.

Courtney Archibald, BA
Has nothing to disclose.

SPEAKERS, MODERATORS AND PANELISTS

Arthur M Mandelin, MD, PhD *Has financial relationships with the Speaker Bureau of AbbVie, Genentech, Lilly, Pfizer, Sanofi/Genzyme-Regeneron, UCB & CVS.*



SAVE THE DATE!

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Tuesday, June 16, 2020
Prentice Women's Hospital
Chicago, Illinois 60611

TUESDAY, SEPTEMBER 10, 2019

- 7:15 am **REGISTRATION**
Prentice Women's Hospital
Prentice WHLC Classroom J
2nd Floor (near elevators)
250 East Superior Street
Chicago, Illinois 60611
- 7:30-9:30 am **OBSERVATION OF BIOPSY
PROCEDURE(S)**
Lavin
259 East Erie Street
13th Floor, Room 48
Chicago, Illinois 60611
- 9:30-10:00 am **BREAKFAST SERVED**
Prentice WHLC Classroom J
- 10:00-12:00 pm **DIDACTIC LECTURE**
Arthur M. Mandelin, MD, PhD
Prentice WHLC Classroom J
- 12:00-1:00 pm **LUNCH SERVED**
Prentice WHLC Classroom J
- 1:00-3:00 pm **HANDS-ON BIOPSY TRAINING -
SIMULATION LAB**
McGaw
240 East Huron Street
Room 0-540
Chicago, Illinois 60611

SPEAKERS

ARTHUR M. MANDELIN, MD, PhD

Dr. Mandelin has been interested in musculoskeletal (MSK) ultrasound since his Rheumatology Fellowship. As a new attending, he was trained in MSK ultrasound at the Ultrasound School of North American Rheumatologists (USSONAR, ussonar.org/) as part of a Train-the-Trainer program sponsored by the American College of Rheumatology (ACR). He completed the ACR's Musculoskeletal Ultrasound Certification in Rheumatology (RhMSUS) in December 2013, and has run a weekly half-day MSK ultrasound teaching clinic with the Northwestern Medicine Rheumatology fellowship program for the past several years. The program has thus far graduated three fellows who have gone on to earn their own RhMSUS Certifications.

Dr. Mandelin is also Registered in Musculoskeletal Sonography (RMSK) by the Alliance for Physician Certification and Advancement (APCA), a companion council to the organization which certifies professional sonographers. Very few physicians who perform ultrasound at the point of care are co-credentialed by both of these organizations.

Dr. Mandelin was trained in minimally-invasive ultrasound-guided synovial biopsy in Great Britain in 2013 by Dr. Andrew Filer and Dr. Stephen Kelly. He has been performing the procedures in the United States since about 2014 as part of the multicenter Rheumatoid Arthritis Synovial tissue Network (REASON) Study and as part of the RA/SLE Program of the NIH-funded Accelerating Medicines Partnership (AMP). Dr. Mandelin leads the REASON Study researchers in total biopsies performed.

