

SPORTS ULTRASOUND SUMMIT

June 11-13, 2020

Pittsburgh, PA

Sponsored by:



Center for Continuing Education in the Health Sciences



University
of Pittsburgh

School of Medicine

Department of Physical Medicine & Rehabilitation

Conference location:

Biomedical Science Tower
203 Lothrop Street
Pittsburgh, PA 15213

Program Overview

This conference is comprised of two parts: lecture part and hands-on skill lab workshop that will include both live and cadaver models.

Lecture topics will cover topics in both diagnostic and interventional ultrasound including: 1) regional diagnostic ultrasound of shoulder, elbow, hip, knee, foot/ankle that include scanning of nerves; 2) ultrasound-guided micro-invasive surgical procedures; 3) update on hydro-dissection; and, 4) advanced diagnostic ultrasound beyond B-mode ultrasound.

On Thursday evening, an optional pre-conference lecture will be available for all participants, covering basic knowledge for those who are new to sports ultrasound.

Learning Objectives

The goals of the conference are to promote knowledge and hands-on experiences of sports ultrasound to participants. Participants will be able to properly identify indications of diagnostic sports ultrasound and demonstrate increased proficiency in performing interventional sports ultrasound.

Who Should Attend

Physicians, Residents, and Fellows

Continuing Education Credit

The University of Pittsburgh School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Pittsburgh School of Medicine designates this live activity for a maximum of 20.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other health care professionals are awarded 2.0 continuing education units (CEU's) which are equal to 20.5 contact hours.

Registration Information

The deadline for registration is June 1, 2020.
On-site registrations will not be accepted. Registering online is the quickest and easiest way to reserve your space at conferences.

- Register online at ccehs.upmc.com
- Click on “Upcoming Events” and scroll down to “Sports Ultrasound Conference”
- Click the Registration button and fill out the required information
- After registering, an electronic confirmation will be sent to the email address you provided us when you registered

Cancellation

All cancellations must be sent to us via email. Tuition for cancellations postmarked or date stamped before June 1, 2020 will be refunded in full. After June 1, 2020, a \$25 administrative fee will be assessed, the remaining amount refunded. No refunds will be made after June 5, 2020.

Cancellation requests can be sent to: **Jessa Darwin** — jcd79@pitt.edu

Registration Fees

	Received by May 1	Received after May 1
Physicians	\$1650	\$1800
Fellows Residents	\$1000	\$1150
Thursday Pre-Conference Instruction	\$250	\$250

Registration fee includes:

- Continuing education credit
- Registration and course materials
- Continental breakfast, refreshments, and lunch

Special Needs

Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by calling 412-232-4072.

The University of Pittsburgh is an affirmative action, equal opportunity institution.

Accommodations

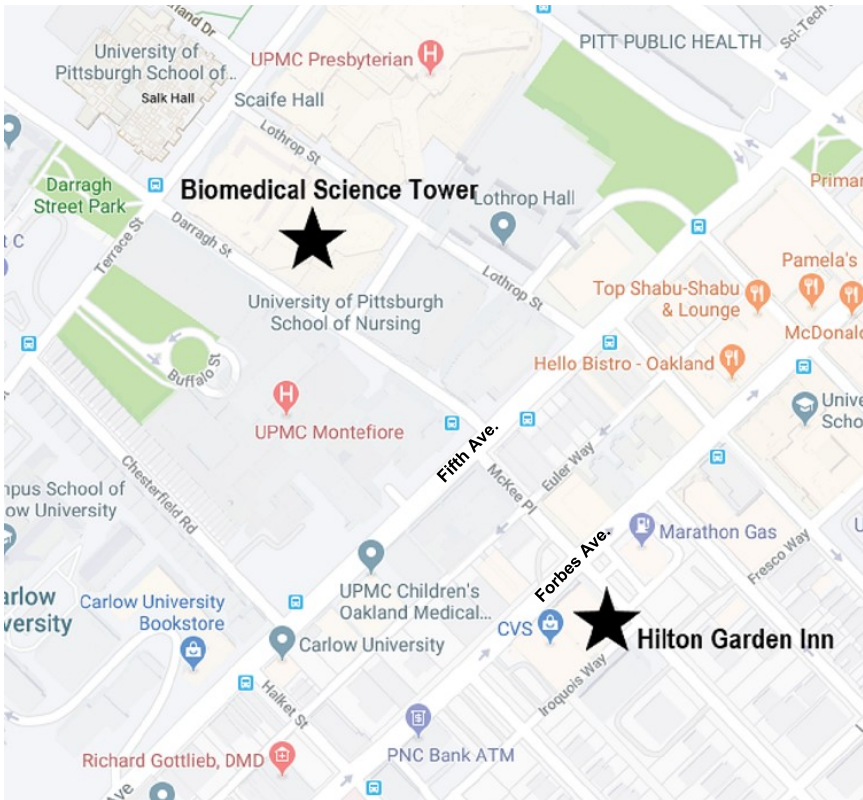
Hilton Garden Inn Pittsburgh University Place
3454 Forbes Ave.
Pittsburgh, PA 15213

A block of rooms has been reserved from June 11 to 13.

Reservations must be made by May 11, 2020.

For hotel information and to make a reservation please call: 412-683-2040.

The hotel is located 0.2 miles (4-minute walk) from the Biomedical Science Tower. Shuttle service is available from the hotel.



CONFERENCE SCHEDULE

THURSDAY, JUNE 11TH

6 - 8 pm	Pre-Conference Lecture: Knobology, Image Optimization, and Needle Visualization Skills	Joshua Rothenberg, DO Neal Washburn, DO Stephen Schaaf, MD
----------	--	---

FRIDAY, JUNE 12TH

6:30 am	Registration and Breakfast	
7:15 am	Introduction and Welcome	Kentaro Onishi, DO
7:25 - 9:10 am	Lectures: Shoulder Pain Ultrasound Protocol for Shoulder Pain (Live Demonstration), Jay Smith, MD Pathologies in the shoulder, Jon A. Jacobson, MD Clinical Focus: Zebras in the Shoulder (Diagnostic or Interventional), Johan Michaud, MD Advancement in Arthroscopic Rotator Cuff Surgery, Stephen Rabuck, MD Questions and Discussion, Jay Smith, MD., Jon A. Jacobson, MD, Johan Michaud, MD, Stephen Rabuck, MD	
9:10 am	Refreshment Break	
9:25 - 10:45 am	Lectures: Medial Elbow Pain Ultrasound Protocol for Medial Elbow Pain (Live Demonstration), Kenneth Mautner MD Medial Elbow Pathology, Jon A. Jacobson, MD Advancement in Arthroscopic Medial Elbow Surgery, Joshua S. Szabo, MD Questions and Discussion, Kenneth Mautner, MD, Jon A. Jacobson, MD, Joshua S. Szabo, MD	
10:45 am	Refreshment Break	
11 am - 12:10 pm	Lectures: Nerve Injuries in Athletes Clinical Evaluation of Nerve Injuries & Treatment, Hiroshi Minagawa, MD, PhD Hydro-release/dissection update, Ke-Vin Chang, MD Hydro-release/dissection, Surgical View, John Fowler, MD Questions and Discussion, Hiroshi Minagawa, MD, PhD, Ke-Vin Chang, MD, John Fowler, MD	
12:10 pm	Lunch and Poster Session	
12:55 - 2:10 pm	Lectures: Calf Pain Ultrasound Protocol for Calf Pain (Live Demonstration), Jonathan Finnoff, DO Calf Pathologies, Carlo Martinoli, MD Vascular Surgeon's view: Functional Popliteal Artery Entrapment & CECS, Rabih Chaer, MD Questions and Discussion, Jonathan Finnoff, DO, Carlo Martinoli, MD, Rabih Chaer, MD	
2:10 pm	Refreshment Break	
2:20 - 3:20 pm	Special Topics: Periscapular Pain in Athletes Ultrasound Protocol for periscapular pain (Live Demonstration), Christopher Visco, MD Periscapular Pathologies, Phillip Steele, MD Questions and Discussion, Christopher Visco, MD, and Phillip Steele, MD	
3:10 pm	Refreshment Break	
3:30 - 6:30 pm	Small Group Session 1 (Group A) Hands-on Scanning on Live Models (Group B) Ultrasound-guided Procedures on Unembalmed Cadavers (Group C) Abstract Oral Presentation, Kentaro Onishi, DO (Moderator)	
6:30 pm	Reception at Vendor Expo	

SATURDAY, JUNE 13TH

6:30 am	Breakfast
7:10 am	Announcements Kentaro Onishi, DO
7:30 - 8:20 am	Lectures: Anterior and Lateral Knee Pain Ultrasound Protocol for Anterior & Lateral Knee Pain (Live Demonstration), Joanne Borg-Stein, MD Anterior & Lateral Knee Pathology, Patricia DelZell, MD Anterolateral ligament (ALL) and Patellar Tendon Treatment, Surgical Update, Bryson Lesniak, MD Questions and Discussion, Joanne Borg-Stein, MD, Patricia DelZell, MD, Bryson Lesniak, MD
8:20 am	Refreshment Break
8:35 - 10 am	Lectures: Medial and Posterior Hip/Thigh Pain Protocol for medial and posterior thigh pain (Live Demonstration), Adam Pourcho, DO MRI vs. Ultrasound for Prognostication of Hamstring Injury, Mederic Hall, MD Clinical Focus-When Nerves Are Upset, Jeffrey Strakowski, MD Hamstring Operation & Thoughts on MRI evaluation, Craig Mauro, MD Questions and Discussion, Adam Pourcho, DO, Mederic Hall, MD, Craig Mauro, MD
10 am	Refreshment Break
10:20 - 11:20 am	Special Topics: Muscle Injuries My FIFA Experiences, Pierpaolo Zunarelli, MD Evolving Science-Improving Characterization of Muscle Health, Kang Kim, PhD Questions and Discussion, Pierpaolo Zunarelli, MD, Kang Kim, PhD, Daniel Lueders, MD
11:20 am	Lunch
12:00 - 3:15 pm	Small Group Session 2 (Group A) Ultrasound-guided Procedures on Unembalmed Cadavers (Group B) Abstract Oral Presentation, Kentaro Onishi, DO (Moderator) (Group C) Hands-on Scanning on Live Models
3:15 pm	Refreshment Break
3:30 - 6:30 pm	Small Group Session 3 (Group A) Abstract Oral Presentations, Kentaro Onishi, DO (Moderator) (Group B) Hands-on Scanning on Live Models (Group C) Ultrasound-guided Procedures on Unembalmed Cadavers
6:35 pm	Closing Remarks Adjourn

FACULTY

Course Director

Kentaro Onishi, DO	Assistant Professor, Departments of Physical Medicine and Rehabilitation and Orthopaedic Surgery University of Pittsburgh
--------------------	--

Planning Committee

Freddie H. Fu, MD, DSc (Hon), DPs (Hon)	Distinguished Service Professor David Silver Professor and Chairman Department of Orthopaedic Surgery University of Pittsburgh
Andrew Cordle, MD	Assistant Professor, Department of Radiology University of Pittsburgh
Kang Kim, PhD	Associate Professor, Department of Medicine Associate Professor, Bioengineering University of Pittsburgh UPMC Heart and Vascular Institute Director, Multi-modality biomedical imaging Lab

Course Faculty

Jay Smith, MD	Professor, Department of Physical Medicine and Rehabilitation Mayo Clinic
Carlo Martinoli, MD	Associate Professor Universita degli Studi di Genova
Jon Jacobson, MD	Professor, Department of Radiology University of Michigan
Jonathan Finnoff, DO	Professor, Department of Physical Medicine and Rehabilitation Mayo Clinic
Merderic Hall, MD	Clinical Associate Professor, Orthopedics and Rehabilitation University of Iowa, Carver Medical School
Douglas Hoffman, MD	Department of Orthopedics and Sports Medicine Essentia Health
Patricia DelZell, MD	Director of MSK Ultrasound Cleveland Clinic
Joanne Borg-Stein, MD	Associate Professor, Department of Physical Medicine and Rehabilitation Harvard Medical School
Adam Pourcho, DO	Associate Professor of Sports Medicine Swedish Medical Center
Christopher Visco, MD	Vice Chair of Education Ursula Corning Associate Professor of Rehabilitation Research Columbia University Associate Attending Physiatrist New York-Presbyterian Hospital
Kenneth Mautner, MD	Associate Professor Departments of Physical Medicine & Rehabilitation and Orthopedic Surgery Emory University
Philippe Steele, MD	Performance Injury Care and Sports Medicine
Jeffrey Strakowski, MD	Associate Director Riverside Methodist Hospital Ohio State McConnell Spine Sport and Joint Physicians
Ke-Vin Chang, MD	Department of Physical Medicine and Rehabilitation and Geriatric Research Center National Taiwan University Hospital
Hiroshi Minagawa, MD, PhD	Professor, Departments of Anatomy and Orthopedic Surgery Joto Orthopedic Clinic
Johan Michaud, MD	Department of Physical Medicine and Rehabilitation Centre hospitalier de l'Université de Montréal
Pierpaolo Zunarelli, MD	Medical Director Isokinetic Group Bologna, FIFA Medical Center of Excellence
Craig Mauro, MD	Clinical Associate Professor, Department of Orthopaedic Surgery University of Pittsburgh
Joshua Szabo, MD	Clinical Instructor University of Pittsburgh
Rabih Chaer, MD	Department of Vascular Surgery UPMC
Daniel Lueders, MD	Assistant Professor, Department of Physical Medicine and Rehabilitation University of Pittsburgh
Michael Schaeffer, MD	Department of Physical Medicine and Rehabilitation Cleveland Clinic
Stephen Rabuk, MD	Clinical Assistant Professor, Department of Orthopaedic Surgery University of Pittsburgh

Bryson Lesniak, MD	Associate Professor, Department of Orthopaedic Surgery University of Pittsburgh
Joshua Rothenberg, DO	Boca Raton Regional Hospital
Neal Washburn, DO	360 Sports and Spine
Stephen Schaaf, MD	Assistant Professor, Department of Physical Medicine and Rehabilitation Vanderbilt University
Jun Sasahara, MD	Department of Orthopedics Teikyo University
Soichi Hattori, MD	Department of Orthopedics Kameda General Medical Center
Miyatake Kazuma, MD	Department of Orthopedics Yokohama City University
Yasuaki Makanishi, MD	Department of Orthopedics Nara Medical University
Soshi Uchida, MD, PhD	Clinical Professor Department of Orthopedic Surgery and Sports Medicine Wakamatsu Hospital University of Occupational and Environmental Health
Hideyuki Goto, MD, PhD	Department of Orthopedics Shigakkan University
Toru Omodani, MD	Sports Medicine & Joint Center Funabashi Orthopedic Hospital
Yuko Nakashima, MD	Department of Orthopedics Hiroshima University