

# Musculoskeletal Sonography

June 24, 2017

8:30 a.m.-5:00 p.m.

*Sponsored by the Orthopedic Physical Therapy Residency program at A.T. Still University's Department of Physical Therapy*

## Course objectives

1. Introduce the participants to ultrasound musculoskeletal images
2. Explain U.S. physics and instrumentation of U.S. equipment.
3. Identify when Sonography is indicated to assist in managing common conditions.
4. Understand what information can be derived from Sonography.
5. Be able to perform an ultrasound assessment

### Instructors:

Colin Rigney PT, DPT, OCS, RMSK

Wayne Smith, PT, DPT, ATC, SCS, RMSK

**.7 CEUs awarded at time of course completion for 7 contact hours**

**Intended audience:** Physical Therapists

Do you want to know the what medical teams at the Olympics, Professional and Collegiate teams, even the International Space Station, are using to give them an edge in treatment? A.T. Still University is presenting an introductory two-part seminar in clinical applications of using musculoskeletal ultrasound imaging.

The morning session will cover introduction to musculoskeletal ultrasound imaging and pathology as well as a live demonstration of selected anatomical sites.

The afternoon session will include lives scanning and lectures on the U.S. instrumentation and physics, image optimization, how to scan commonly treated joints and the lumbar spine, identification of tendons, nerves, muscles, and ligaments.

Additional questions, email Cheri Hodges at [chodges@atsu.edu](mailto:chodges@atsu.edu).

For additional information about our ATSU Orthopedic Residency program, please visit the website at [orthoptresidency.atstu.edu](http://orthoptresidency.atstu.edu).

## Instructors

### Colin Rigney PT, DPT, OCS, RMSK

Colin Rigney is a physical therapist, currently employed with Rehab Arizona in Mesa, Arizona. In addition to being a licensed physical therapist, Rigney's curriculum vitae includes completion of an orthopedic residency through A. T. Still University (ATSU), an Orthopedic Board Certification in physical therapy (OSC) with the American Board of Physical Therapy Specialties (ABPTS) and a Registered Musculoskeletal Diagnostic Ultrasound Specialist (RMSK) through the American Registry for Diagnostic Medical Sonography (ARDMS). He is also adjunct faculty at ATSU in the orthopedic physical therapy department and transitional and residential DPT program (radiology/ultrasound/imaging lab and lecture).

In addition, Rigney has also completed training through USA Weightlifting (USAW) and has two certifications through the governing body: USAW Club Coach and USAW Sports Performance. He has been involved in competitive athletics for more than two decades both as a youth, high school, and intercollegiate athlete, as well as, competing, coaching, and teaching the Olympic lifts. He has been most involved in training, coaching and mentoring Olympic style weightlifters at both the local and national level over the past 20 years.

### Wayne Smith, PT, DPT, ATC, SCS, RMSK

Wayne Smith has 40 years of experience in physical rehabilitation with a focus in sports and orthopedic physical therapy. He has experience working with both professional and amateur athletes as a physical therapist and athletic trainer, including the 1996 Olympic Track and Field, USA Rugby, and Coast Guard athletic teams. Smith also spent time working with Continental Basketball Association.

Smith has been published and holds several board certifications which include registered musculoskeletal sonography, athletic training, sports certified specialist, and manual certification. In 2006, he completed 540 hours of vascular ultrasound imaging and US physics from the Institute of Ultrasound Imaging to improve his abilities. Smith also took part in a six-month, part-time, musculoskeletal ultrasound imaging course with AUJ Corporation in California. For 12 years, Smith lived in Pensacola, Fla., performing musculoskeletal ultrasound imaging at Andrews Sport Medicine Clinic while also serving as a part-time physical therapist.

He also served as associate professor at A.T Still University's Arizona School of Health Sciences in the orthopedic residency and doctor of physical therapy programs. His other academic achievements include a faculty positions at the Andrews Institute, Gulf Coast Ultrasound Institute, Mayo Clinic continuing education courses, and at several American Physical Therapy Association courses. In addition, Smith has been published in musculoskeletal ultrasound and passed the first registered musculoskeletal ultrasound certification exam given by the American Registry of Diagnostic Medical Sonography, obtaining the pioneer status in musculoskeletal ultrasound imaging physics.

## Program Registration form

### Musculoskeletal Sonography seminar

Name \_\_\_\_\_

PT license # \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

City \_\_\_\_\_

State/ZIP \_\_\_\_\_

Phone number \_\_\_\_\_

Email \_\_\_\_\_

#### Registration Fees (please check one)

- \$175
- \$150 for ATSU alumni  
and Clinical Instructors for ATSU

\$25 discount for groups of three or more from one organization

Check made payable to ATSU PT department

Register online at [www.orthoptresidency.atsu.edu](http://www.orthoptresidency.atsu.edu)  
or mail payment and registration form to:

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