

Outline

Point-of-Care Ultrasound vs Traditional Imaging: What You Need to Know

Dynamic vs static imaging  
Bilateral comparison  
Differentiation of solid vs fluid  
Sound waves vs radiation

Get Comfortable with the Device

Determine appropriate transducer and placement/pressure  
What do all the knobs do?  
Gray vs white vs black - Echogenicity of tissue and structures

Image Interpretation and Assessments

Step-by-step guide for evaluation  
Optimal patient positioning and scanning protocol  
Spot the abnormality!

Abdominal Aortic Aneurysm (AAA)

Asymptomatic and easy to miss without POCUS  
Prevention – who is most at risk?  
Screening protocol for primary care

Abdominal Trauma

The ticking time bomb – internal bleeding  
The easy target: liver damage via blunt force trauma  
Frequent source of bleeding: spleen

Hepatobiliary

Primary culprit of abdominal pain: gallbladder  
Biliary dilation, gallbladder attack

Cardiac and Lung

Pleural and pericardial effusions  
Cardiac overload  
Collapsed lung

Lower Extremity Deep Vein Thrombosis

Spot the warning signs early: Leg pain, swollen legs  
Catch them before they embolize

Obstetrics - First Trimester

Is what you're seeing indicative of normal outcomes?  
Identify embryologic structures  
Ectopic and tubal pregnancies

Forging a new frontier

Risks and limitations  
When to proceed with additional imaging  
Billing and coding  
Tips for bringing this service into your wheelhouse



PESI Inc. is proud to offer this seminar (at these locations only) free of charge (on live seminar tuition) for veterans and active duty military personnel. Limited seats available; advance online registration required.

Objectives

1. Explain the indications for specialized point-of-care ultrasound examinations.
2. Critique ultrasound images of anatomy appropriate for point-of-care examination.
3. Compare normal vs abnormal ultrasound appearances for specialized point-of-care ultrasound.
4. Analyze ultrasound images for specialized point-of-care ultrasound examinations.
5. Discuss how point-of-care ultrasound findings can be utilized in patient management.
6. Utilize appropriate techniques for reporting results of point-of-care ultrasound examinations.

What to bring

Yoga Mat

Speaker

**Malka Stromer, MEd, BSc, RDMS,** is a registered diagnostic medical sonographer whose clinical skills were fostered at the University Health Network and Mount Sinai's Center of Excellence in Obstetrical Ultrasound, in Toronto, Canada. Malka has spent the past 13 years of her career sharing her enthusiasm for sonography as a professor. Malka has spoken at various professional events and educational institutions on topics including sonography of the bowel and her research in the ethics of obstetrical ultrasound. She has authored a chapter in a sonography text, and has won a research award through the SDMS, and most recently the John and Suanne Rouche Excellence Award through the League for Innovation in the Community Colleges. Malka is owner of Sound Sports Imaging, LLC, and together with her colleague Jeannine Noble, now teaches point-of-care and musculoskeletal ultrasound to health care professionals around the world.

Speaker Disclosures:

Financial: Malka Stromer is a managing partner at Sound Sports Imaging, LLC. She is an adjunct faculty member at Midwestern University-Arizona. Ms. Stromer has an employment relationship with Arizona Women's Care. She receives a speaking honorarium from PESI, Inc.

Non-financial: Malka Stromer is a member of the American Registry for Diagnostic Medical Sonography.

Live Webcast Details and Live Webcast Continuing Education Credit Information

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# Point-of-Care Ultrasound Course

Diagnose the Critical  
Issues Faster!



Seattle, WA  
Monday, March 2, 2020

Live Video Webcast  
Monday, March 2, 2020

Honolulu, HI  
Friday, March 6, 2020



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# Point-of-Care Ultrasound Course

Diagnose the Critical  
Issues Faster!



- Drastically shorten diagnostic time
- Prevent poor patient outcomes
- Real time, dynamic imaging at your fingertips
- Critically useful across settings – from primary care to emergency departments!
- Practice changing for all Advanced Practice NPs and PAs!



Seattle, WA  
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# Point-of-Care Ultrasound Course

## Diagnose the Critical Issues Faster!

In the fast-paced setting of healthcare, you have limited time to make critical evaluations. Precious minutes tick away while you order and transport the patient for imaging.

Point-of-care ultrasound (POCUS) is changing the way that advanced practice health professionals evaluate their incoming patients. Imagine if you had the ability to identify a patient's internal problem -on the spot! Point-of-care ultrasound gives you this ability.

The days of relying solely on the stethoscope are outdated – you don't have to rely on listening and looking alone. Take off the blindfold that has been preventing you from dynamically observing tissues in vivo! With this game changing technology, you will create a new standard of evaluation:

- Detect fluid in the pericardium
- Identify abdominal aortic aneurysms as early as possible
- Catch a DVT before it has a chance to embolize

This hands-on seminar will walk you through everything you need to know to begin using point-of-care ultrasound imaging – from primary care settings to emergent care. With this tool, you'll be able to quickly identify a diagnosis AND cut down on unnecessary radiation.

Learn why this technology is taking the medical world by storm – register today!

## Following the Seminar.... Consider Certification!



**POCUS**  
Point-of-Care Ultrasound  
Certification Academy™

**The Point-of-Care Ultrasound (POCUS) Certification Academy™** offers healthcare providers the opportunity to test their proficiency, demonstrate their knowledge, and promote best practices in POCUS. With opportunities to select from a wide variety of individual specialized Certificates or Certifications that include focused collections of Certificates, the POCUS Certification Academy provides options tailored to your specific needs. These affordable, online assessments are available 24/7 and are widely recognized for distinguishing skills and abilities in handheld ultrasound. Register today at [www.pocus.org](http://www.pocus.org) and receive a special **PESI seminar attendee 20% discount** on all POCUS Certificate Academy offerings with the code: **PESIPOCUS20**.

**Seminar on DVD or Digital Format:** You can purchase a self-study package on the subject and you and your colleagues can receive CE hours for a nominal fee. To determine if homestudy credits are available for your profession go to [www.pesihealthcare.com](http://www.pesihealthcare.com) or call 800-844-8260. Check with your licensing board to verify acceptance of self-study credits for license renewal. If purchasing the digital format, you will receive an emailed order confirmation which contains your login instructions to access the recorded seminar, electronic handouts and online post-test. Order today by using the order form on this brochure or by calling 800-844-8260.

**Hassle-Free Cancellation Policy:** If you contact us before the event date, you can exchange for a self-study package on the subject (CE credits may be available), a certificate to attend another seminar, or receive a tuition refund less a \$30 cancel fee. Substitutions are permitted at any time.

**Have a seminar idea?** The nation's top speakers and authors contact PESI HealthCare first. If you are interested in becoming a speaker, or have a new topic idea, please contact Missy Cork at [mcork@pesi.com](mailto:mcork@pesi.com) or call (715) 855-6366.



## SAVE BY INCLUDING THESE PRODUCTS WITH SEMINAR REGISTRATION!

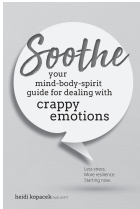


### *The Self-Compassion Deck*

*50 Mindfulness-Based Practices*

By Tim Desmond, LMFT, Mitch R. Abblett, Ph.D., & Christopher Willard, Psy.D.

Cultivate kindness & compassion for yourself and others! *The Self-Compassion Deck* offers 50 mindfulness-based practices for use at home, in the classroom, or therapy office. Commit to these easy, yet meaningful exercises in kindness and gain a deeper appreciation for yourself and your life.



### *Soothe*

*Your Mind-Body-Spirit Guide for Dealing with Crappy Emotions*

By Heidi Kopacek

In *Soothe: Your Mind-Body-Spirit Guide for Dealing with Crappy Emotions*, clinical psychologist and basically your new best friend, Dr. Heidi Kopacek, gives you a holistic approach to de-frazzling from 21st century stress and negativity.

Visit our Online Product Store: [www.pesihealthcare.com/store](http://www.pesihealthcare.com/store)

## What to Wear:

Wear lab appropriate loose clothing that allows for access to the skin for practice with the device.

## Target Audience

Physicians • Nurse Practitioners • Physician's Assistants  
Registered Nurses • EMT/Paramedics • Sonographers

**Questions?** Visit our FAQ page at [www.pesihc.com/faq](http://www.pesihc.com/faq) or contact us at [www.pesihc.com/info](http://www.pesihc.com/info)

## Live Seminar Continuing Education Credit Information

**Credits listed below are for full attendance at the live event only.** After attendance has been verified, pre-registered attendees will receive an email from PESI Customer Service with the subject line, "Evaluation and Certificate" within one week. This email will contain a link to complete the seminar evaluation and allow attendees to print, email or download a certificate of completion if in full attendance. For those in partial attendance (arrived late or left early), a letter of attendance is available through that link and an adjusted certificate of completion reflecting partial credit will be issued within 30 days (if your board allows). Please see "LIVE SEMINAR SCHEDULE" on this brochure for full attendance start and end times. NOTE: Boards do not allow credit for breaks or lunch.

If your profession is not listed, please contact your licensing board to determine your continuing education requirements and check for reciprocal approval. For other credit inquiries not specified below, or questions on home study credit availability, please contact [cepesi@pesi.com](mailto:cepesi@pesi.com) or 800-844-8260 before the event.

Materials that are included in this course may include interventions and modalities that are beyond the authorized practice of mental health professionals. As a licensed professional, you are responsible for reviewing the scope of practice, including activities that are defined in law as beyond the boundaries of practice in accordance with and in compliance with your profession's standards.

PESI, Inc. offers continuing education programs and products under the brand names PESI, PESI Healthcare, PESI Rehab and Psychotherapy Networker.

**Nurses, Nurse Practitioners, and Clinical Nurse Specialists:** PESI, Inc. is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

Nurses in full attendance will earn 6.3 contact hours. Partial contact hours will be awarded for partial attendance.



## Live Seminar & Webcast Schedule (Times Listed in Pacific)

**7:30** Registration/Morning Coffee & Tea

**8:00** Program begins

**11:50-1:00** Lunch (*on your own*)

**4:00** Program ends

There will be two 15-min breaks (mid-morning & mid-afternoon). Actual lunch and break start times are at the discretion of the speaker. A more detailed schedule is available upon request.

**Physicians:** PESI, Inc. is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

PESI, Inc. designates this live activity for a maximum of 6.0 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

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### ADA NEEDS

We would be happy to accommodate your ADA needs; please email [info@pesi.com](mailto:info@pesi.com) or call 1-800-844-8260 at least two weeks prior to the seminar date.

### SAME DAY REGISTRATION

Walk-ins are welcome but admission cannot be guaranteed. Contact us for space availability if registering within one week of seminar.

### TUITION OPTIONS

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• **\$30 Tuition:** If you are interested in being our registration coordinator for the day, go to: [www.pesihealthcare.com/coord](http://www.pesihealthcare.com/coord) for availability and job description, first come, first serve.  
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### QUESTIONS

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