

# REGISTRY REVIEW

# 2021 SEMINAR SCHEDULE

#### PROGRAMS FOR:

PHYSICS SPI • RDCS, RVT, RDMS RCS, RVS, RCCS RMSK, RMSKS POCUS RPVI

Physics Component Of ASCeXAM & PTEeXAM

# 2021 WELCOME LETTER

Welcome to ESP Ultrasound! We are the largest LIVE registry review program in the world. Established in 1992, ESP continues to offer unique, personal, and interactive LIVE webinar classrooms.

We have recruited and retained the top educators in the field. Our educators love what they do and have mastered the art and science of ultrasound. Coupling their passion for ultrasound with their love for teaching they will be sure to help you learn, retain, and excel in registry review preparation.

We strongly value our student's professional goals and have tailored our courses to meet our student's needs. We love sharing our knowledge and have all the tools you need to pass your exam! Our registry review courses offer up to 24 CME's to assist you in maintaining your credential(s) and/or for those of you interested in returning for a refresher.

We are excited to announce that we have added two live webinar CME courses in 2021! Our instructors have made lifetime commitments to their field of study and want to share their passion with all from the novice to the expert sonographer.

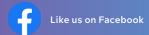
I invite you to explore our website to learn more about our live webinars as well as the many new products we offer to assist you in passing your exam and maintaining your credentials!

We look forward to helping you achieve your goals in 2021!

Warmly,

*Jean M. White-Melendez*, RVT, RPhS, FSVU Program Director

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# 2021 SEMINAR SCHEDULE

SEMINAR	DATE	TIME ZONE	PAGE
LIVE WEBINAR	January 15 - 17	Central Standard Time	
LIVE WEBINAR	February 19 - 21	Central Standard Time	
LIVE WEBINAR	March 26 - 28	Central Standard Time	
LIVE WEBINAR	April 17 - 18	Central Standard Time	
LIVE WEBINAR	May 1 - 2	Central Standard Time	9
LIVE CME WEBINAR	May 22 - 23	Central Standard Time	9
LIVE WEBINAR	June 4 - 6	Central Standard Time	10
LIVE WEBINAR	July 9 - 11	Central Standard Time	10
LIVE WEBINAR	August 20 - 22	Central Standard Time	11
LIVE WEBINAR	September 24 - 26	Central Standard Time	11
LIVE WEBINAR	October 23 - 24	Central Standard Time	12
LIVE WEBINAR	November 5 - 7	Central Standard Time	12
LIVE CME WEBINAR	December 4 - 5	Central Standard Time	13

# Challenging CCI's Non-Invasive Echo or Non-Invasive Vascular Exam?

CCI combines both clinical material and physics material in each of these exams. Therefore, ESP's Physics & Specialty Weekends are ideal preparation for sonographers seeking CCI's RCS or RVS credentials. Enroll in both the morning Physics and an afternoon Specialty class for optimal non-invasive echo or vascular exam coverage.

Ultrasound Physics - SPI, Fetal Echocardiography, Musculoskeletal,
Pediatric Echocardiography, and Pediatric Sonography classes are taught
in the mornings.

EDUCATIONAL PRODUCTS
PAGES 26 - 28

# **OVERVIEW**

#### WHO SHOULD ATTEND

SONOGRAPHERS: ESP's programs serve sonographers, echocardiographers, technologists, and mammographers preparing for ultrasound board exams. Our seminars provide continuing education credits for exam prerequisites and currently credentialed professionals. They are also directed towards those sonographers wishing to enhance their understanding of the theory and practice of diagnostic ultrasound.

PHYSICIANS: practicing radiology, vascular surgery, cardiology, phlebology, emergency medicine, cardiac anesthesiology, and Ob/Gyn will benefit from our programs. Physicians earn  $AMA\ PRA\ Category\ 1\ Credit(s)^{TM}$  while preparing for board exams that are administered by the ARDMS and National Board of Echocardiography.

ESP's Musculoskeletal Program serves sonographers, orthopedists, chiropractic medicine, sports medicine, physical medicine & rehabilitation, rheumatology, athletic training, emergency medicine, podiatry and more.

ESP's seminars are the nation's largest and most successful registry reviews. We continue to help you fulfill your registry, accreditation and educational needs. All participants may earn AMA PRA Category 1 Credit(s)<sup>TM</sup> while attending our seminars.

#### **OBJECTIVES**

This multi-track program is designed to improve performance and interpretation of diagnostic ultrasound and Doppler exams. Upon completion of this program, the participants will be able to:

- Use ultrasound physical principles to optimize exam quality
- Identify normal anatomy and pathology from ultrasound examinations
- Understand the current diagnostic roles of the various ultrasound and Doppler modalities
- Prepare for ultrasound credentials and laboratory accreditation



If it weren't for Bill and Jeannie, I would not have passed my RVT boards. They are both so knowledgeable and engaging. My passing is a true testament to their teaching and encouragement. I will recommend them to everyone.

May Jo Roth, RVT

#### SEMINAR DATES

LIVE WEBINAR January 15 - 17 LIVE WEBINAR February 19 - 21 LIVE WEBINAR March 26 - 28 LIVE WEBINAR April 17 - 18 LIVE WEBINAR May 1 - 2 LIVE CME WEBINAR May 22 - 23 LIVE WEBINAR June 4 - 6 LIVE WEBINAR July 9 - 11 LIVE WEBINAR August 20 - 22 LIVE WEBINAR September 24 - 26 October 23 - 24 LIVE WEBINAR

LIVE WEBINAR November 5 - 7
LIVE CME WEBINAR December 4 - 5

#### **COURSES**

ABDOMINAL SONOGRAPHY
ADULT ECHOCARDIOGRAPHY
BREAST SONOGRAPHY
FETAL ECHOCARDIOGRAPHY
MUSCULOSKELETAL
OB/GYN SONOGRAPHY
PEDIATRIC ECHOCARDIOGRAPHY
PEDIATRIC SONOGRAPHY
POCUS - POINT OF CARE ULTRASOUND
PVI - PHYSICIAN'S IN VASCULAR
INTERPRETATION

ULTRASOUND PHYSICS - SPI VASCULAR TECHNOLOGY

PASSIONATE AND PREPARED - that's how students describe ESP Ultrasound's experienced faculty. By limiting the content of our classes to the 'right stuff,' you'll be well on the way towards earning professional credentials. You will be given a clear and direct road map that keeps you on the right track.

We appreciate the many commitments that you have and respect your faith in us. Together, we will remain focused, keep our vision on the ultimate goal and produce stellar results. It is what the ESP team has been doing for decades!



I just wanted to let you know that I passed my Abdomen registry! The webinar was the weekend right before I took my test and it helped SO much. I look forward to doing these in the future and putting more registry's behind my name.

Hannah Wlodkowski, RDMS

#### **COURSE DETAILS**

#### Live Webinar

#### January 15 - 17

#### CENTRAL TIME LIVE WEBINAR

The webinar will broadcast live on Central Time. Please plan accordingly if you are in a different time zone.

#### **MORNING COURSES**

Ultrasound Physics - SPI Musculoskeletal Sonography Pediatric Echocardiography

 (select only one - each class all 3 days)

 Friday
 8 AM - 12 PM

 Saturday
 8 AM - 12 PM

 Sunday
 8 AM - 12 PM

#### **AFTERNOON COURSES**

Abdominal Sonography Adult Echocardiography Breast Sonography Ob/Gyn Sonography Vascular Technology

 (select only one - each class all 3 days)

 Friday
 1 PM - 5 PM

 Saturday
 1 PM - 5 PM

 Sunday
 1 PM - 5 PM

#### Live Webinar

#### February 19 - 21

#### CENTRAL TIME LIVE WEBINAR

The webinar will broadcast live on Central Time. Please plan accordingly if you are in a different time zone.

#### **MORNING COURSES**

Ultrasound Physics - SPI Fetal Echocardiography

 (select only one - each class all 3 days)

 Friday
 8 AM - 12 PM

 Saturday
 8 AM - 12 PM

 Sunday
 8 AM - 12 PM

#### **AFTERNOON COURSES**

Abdominal Sonography Adult Echocardiography Ob/Gyn Sonography Vascular Technology

(select only one - each class all 3 days)

 Friday
 1 PM - 5 PM

 Saturday
 1 PM - 5 PM

 Sunday
 1 PM - 5 PM

# TUITION PAGE 14

#### **COURSE DETAILS**

#### Live Webinar

#### March 26 - 28

#### CENTRAL TIME LIVE WEBINAR

The webinar will broadcast live on Central Time. Please plan accordingly if you are in a different time zone.

#### MORNING COURSES

Ultrasound Physics - SPI Musculoskeletal Sonography

 (select only one - each class all 3 days)

 Friday
 8 AM - 12 PM

 Saturday
 8 AM - 12 PM

 Sunday
 8 AM - 12 PM

#### **AFTERNOON COURSES**

Abdominal Sonography Adult Echocardiography Ob/Gyn Sonography Vascular Technology

 (select only one - each class all 3 days)

 Friday
 1 PM - 5 PM

 Saturday
 1 PM - 5 PM

 Sunday
 1 PM - 5 PM

#### Live Webinar

#### Aprii 17 - 18

#### CENTRAL TIME LIVE WEBINAR

This two day webinar will broadcast live on Central Time. Please plan accordingly if you are in a different time zone.

#### COURSE

Ultrasound Physics - SPI

(select only one - each class both days)
Saturday 8 AM - 3 PM
Sunday 8 AM - 3 PM



I successfully passed my RVT. exam on April 21st! I just wanted to tell you all thank you for all your help.

Martinique Walton, RVT

#### **COURSE DETAILS**

#### Live Webinar

#### May 1 - 2

#### CENTRAL TIME LIVE WEBINAR

This two day webinar will broadcast live on Central Time. Please plan accordingly if you are in a different time zone.

#### **COURSES**

Abdominal Sonography
Adult Echocardiography
Breast Sonography
Fetal Echocardiography
Ob/Gyn Sonography
Pediatric Echocardiography
Pediatric Sonography
Ultrasound Physics - SPI
Vascular Technology

(select only one - both days)
Saturday
8 AM - 3 PM
Sunday
8 AM - 3 PM

#### Live CME Webinar

#### May 22 - 23

#### CENTRAL TIME LIVE WEBINAR

This two day webinar will broadcast live on Central Time. Please plan accordingly if you are in a different time zone.



#### PART I

Saturday 8 AM - 2 PM

PART II

Sunday 8 AM - 2 PM



Attend a 12-hour seminar in abdominal, adult echo, breast, fetal echo, msk, ob/gyn, pediatric echo, pediatric sono., physics, or vascular and gain free access to our innovative internet exam prep site, the X-ZONE.

#### **COURSE DETAILS**

#### Live Webinar

#### June 4 - 6

#### CENTRAL TIME LIVE WEBINAR

The webinar will broadcast live on Central Time. Please plan accordingly if you are in a different time zone.

#### MORNING COURSES

Ultrasound Physics - SPI Fetal Echocardiography Pediatric Echocardiography Pediatric Sonography

 (select only one - each class all 3 days)

 Friday
 8 AM - 12 PM

 Saturday
 8 AM - 12 PM

 Sunday
 8 AM - 12 PM

#### AFTERNOON COURSES

Abdominal Sonography
Adult Echocardiography
Breast Sonography
Ob/Gyn Sonography
Vascular Technology

 (select only one - each class all 3 days)

 Friday
 1 PM - 5 PM

 Saturday
 1 PM - 5 PM

 Sunday
 1 PM - 5 PM

#### Live Webinar

#### July 9 - 1

#### CENTRAL TIME LIVE WEBINAR

The webinar will broadcast live on Central Time. Please plan accordingly if you are in a different time zone.

#### MORNING COURSE

Ultrasound Physics - SPI Fetal Echocardiography Musculoskeletal Sonography Pediatric Sonography

 (select only one - each class all 3 days)

 Friday
 8 AM - 12 PM

 Saturday
 8 AM - 12 PM

 Sunday
 8 AM - 12 PM

#### **AFTERNOON COURSES**

Abdominal Sonography Adult Echocardiography Breast Sonography Ob/Gyn Sonography Vascular Technology

 (select only one - each class all 3 days)

 Friday
 1 PM - 5 PM

 Saturday
 1 PM - 5 PM

 Sunday
 1 PM - 5 PM



I took the RVT class this year in August. I just wanted to tell ESP that I passed the RVT ARDMS boards! It was a wonderful class and experience.

Tiffany Will, RVT, RDMS

#### **COURSE DETAILS**

#### Live Webinar

#### August 20 - 22

#### CENTRAL TIME LIVE WEBINAR

The webinar will broadcast live on Central Time. Please plan accordingly if you are in a different time zone.

#### MORNING COURSES

Ultrasound Physics - SPI

 (select only one - each class all 3 days)

 Friday
 8 AM - 12 PM

 Saturday
 8 AM - 12 PM

 Sunday
 8 AM - 12 PM

#### **AFTERNOON COURSES**

Abdominal Sonography Adult Echocardiography Ob/Gyn Sonography Vascular Technology

 (select only one - each class all 3 days)

 Friday
 1 PM - 5 PM

 Saturday
 1 PM - 5 PM

 Sunday
 1 PM - 5 PM

#### Live Webinar

#### September 24 - 26

#### CENTRAL TIME LIVE WEBINAR

The webinar will broadcast live on Central Time. Please plan accordingly if you are in a different time zone.

#### **MORNING COURSES**

Ultrasound Physics - SPI Musculoskeletal Sonography

 (select only one - each class all 3 days)

 Friday
 8 AM - 12 PM

 Saturday
 8 AM - 12 PM

 Sunday
 8 AM - 12 PM

#### **AFTERNOON COURSES**

Abdominal Sonography Adult Echocardiography Breast Sonography Ob/Gyn Sonography Vascular Technology

 (select only one - each class all 3 days)

 Friday
 1 PM - 5 PM

 Saturday
 1 PM - 5 PM

 Sunday
 1 PM - 5 PM



I took your Abdominal Dallas webinar in April and it was such an amazing pleasure to take your class. I passed the test on Saturday and I felt very good and confident.

Leidys Rodriguez, RDMS, RVT

#### **COURSE DETAILS**

#### Live Webinar

#### October 23 - 24

#### CENTRAL TIME LIVE WEBINAR

This two day webinar will broadcast live on Central Time. Please plan accordingly if you are in a different time zone.

#### COURSES

Abdominal Sonography
Adult Echocardiography
Breast Sonography
Musculoskeletal Sonography
Ob/Gyn Sonography
Pediatric Echocardiography
Pediatric Sonography
Ultrasound Physics - SPI
Vascular Technology

(Select only one - each class both days)
Saturday 8 AM - 3 PM
Sunday 8 AM - 3 PM

#### Live Webinar

#### November 5 - 7

#### CENTRAL TIME LIVE WEBINAR

The webinar will broadcast live on Central Time. Please plan accordingly if you are in a different time zone.

#### MORNING COURSES

Ultrasound Physics - SPI Pediatric Echocardiography

 (Select only one - each class all 3 days)

 Friday
 8 AM - 12 PM

 Saturday
 8 AM - 12 PM

 Sunday
 8 AM - 12 PM

#### **AFTERNOON COURSES**

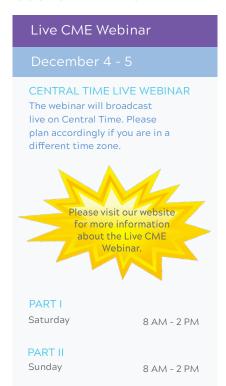
Abdominal Sonography Adult Echocardiography Breast Sonography Ob/Gyn Sonography Vascular Technology

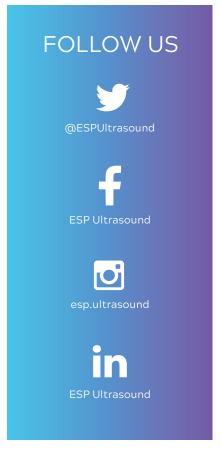


Echo Registry. I PASSED!!! Took the course in March, in Alabama. What a great course!

Katelyn Forsman, RDCS, RVT, RDMS

#### **COURSE DETAILS**







I would like to thank Dr. Edelman for giving me the information that I needed to pass my test.

Linda Juggins, R.T.

# SEMINAR WEEKENDS TUITION

(FRIDAY, SATURDAY, & SUNDAY)

#### MORNING COURSES ONLY

Morning Courses	Sonographer	Physician
Ultrasound Physics - SPI	\$325	\$425
Fetal Echo, Pediatric Echo, or Pediatric Sonography	\$375	\$475
Musculoskeletal Special Program	\$450	\$550

#### AFTERNOON COURSES ONLY

Afternoon Courses	Sonographer	Physician
Abdominal, Adult Echo, Ob/Gyn, or Vascular	\$325	\$425
Breast Sonography	\$375	\$475

#### MORNING AND AFTERNOON COURSES

AM	PM	Sonographer	Physician
Ultrasound	Abdominal, Adult Echo, Ob/Gyn, or Vascular	\$550	\$650
Physics - SPI	Breast Sonography	\$600	\$700
Fetal Echo, Pediatric Echo, or Pediatric	Abdominal, Adult Echo, Ob/Gyn, or Vascular	\$600	\$700
Echo, or Pediatric + Sonography	Breast Sonography	\$650	\$750
Musculoskeletal	Abdominal, Adult Echo, Ob/Gyn, or Vascular	\$675	\$775
Special Program	Breast Sonography	\$725	\$825

#### **CME WEBINAR TUITION**

AM/PM	
PARTI	\$50
PART II	\$50
PART I & PART II	\$75

#### **ULTRASOUND PHYSICS - SPI**

By simply attending ESP Ultrasound's physics class, you satisfy all prerequisites to challenge the ARDMS SPI Physics exam! Focused, efficient, productive and fun - the essence of board preparation. The course allows you to understand the concepts, gain command of the material, and earn a passing grade. This course is especially designed for ultrasound professionals with little or no formal physics background.



#### SIDNEY K. EDELMAN, Ph.D.

Dr. Sid Edelman's name is synonymous with successful physics exam preparation. His unique educational style clearly explains sonographic principles and instrumentation. Specifically designed to challenge registry exams, Dr. Edelman has refined his approach for more than three decades. The essence of his educational system presents physics in a 'no harder than it needs

to be' style using well-known, everyday examples. He meticulously creates relationships between what you already know and what you need to know.

Dr. Edelman is the author of the widely respected text Understanding Ultrasound Physics and Ultrasound Physics Quiz Cards. He lectures at international, national and local levels. He is a past advisor of the SDMS and visits numerous medical schools, universities, professional societies and residency and fellowship programs.

The success of Dr. Edelman's students and his reputation speak for themselves.



#### RICHARD A. PALMA, BS, ACS, RDCS, RCS, FSDMS, FASE

Richard "Richie" Palma is a distinguished educator in physics and cardiac ultrasound. He is passionate about ultrasound and brings his enthusiasm to each of his lectures. He is the director and clinical coordinator of the Duke Cardiac Ultrasound Certificate Program. Previously, he was the Associate Clinical Professor of medicine at the University of Connecticut and the director of the Hoffman Heart Institute

School of Cardiovascular Technology and Ultrasound. He has worked in the profession since 1990. He was the first in the country to become a fellow of the American Society of Echocardiography and one of the first to earn the credential of Advanced Cardiac Sonographer (ACS). In 2011 he received the Distinguished Educator Award from the SDMS and was inducted as a Fellow in 2016. Richie is a co-author of numerous papers and cardiac materials. He lectures extensively both nationally and internationally on adult echocardiography and contrast.

#### ABDOMINAL SONOGRAPHY

Comprehensive and effective registry preparation is the focus of the ESP abdominal Sonography course. Over 800 ultrasound images of normal anatomy and pathology are reviewed in this twelve-hour program. This program is perfect for those committed to achieving ARDMS certification. Steve provides an amazing attention to detail, providing you with a competitive edge in earning RDMS credentials in Abdominal Sonography.

Methods for registry preparation concentrate on focused didactic instruction in conjunction with an all-encompassing image review. The sonographic image review is intended to give the student experience not only with normal anatomy but with a variety of pathologies. A multiple choice review is included in the course workbook that providing a variety of testing strategies designed to simulate the challenge of the registry.



#### STEVE BERNHARDT, RDMS, RVT, RPhS

Steve has been a Medical Sonographer since 1982. He is a graduate of the University of Oklahoma Ultrasound Program, registered in abdominal, ob/gyn, vascular, and phlebology ultrasound. Steve has instructed the ESP Abdominal Sonography course since 1993. Presently practicing sonography in Oklahoma City, OK.

Steve's students report that he successfully prepares them to meet the challenge of the ARDMS abdominal examination. His focus on the specifics leaves no stone unturned in your exam preparation.

#### **ADULT ECHOCARDIOGRAPHY**

Registered echocardiographers agree that the most efficient solution to earning the RDCS or RCS credential lies in ESP's adult echo program. You will enjoy the stimulating, interactive style where David and Alicia precisely present the material in the ARDMS and CCI guidelines. Our students are well prepared for the challenging exam format and testing patterns found within the certification exams. Students preparing for CCI's noninvasive Echo Exam should register for both the morning Physics and afternoon Echo courses. These integrated lectures cover the entire CCI test outline.



#### ALICIA ARMOUR, MA, RDCS, FASE

Alicia Armour is a senior cardiac sonographer in the Duke University Adult Echo Lab. She has extensive educational and clinical experience in adult echo. She is the perfect person to answer all your questions.

ADULT ECHOCARDIOGRAPHY CONTINUED ON NEXT PAGE

#### ADULT ECHOCARDIOGRAPHY (CONTINUED)



#### DAVID B. ADAMS, RCS, RDCS, ACS, FASE

David Adams is a renowned innovator in echocardiography practice, research, and education. A cardiac Sonographer emeritus after working for 38 years at Duke University Medical Center. He has over 32 years of experience in registry reviews. He is the recipient of the first ASE Sonographer Lifetime Achievement Award and a past recipient of the ASE's Distinguish Sonographer Teaching

Award. He is dedicated to helping students master the keys to passing their registry exams. As a leader in the field, David combines humor with clinical expertise in providing a practical approach to cardiac ultrasound.

David has authored over 140 publications, including the Adult Echo Digital Loops and Echo Quiz Cards. Most importantly, David is known for his ability to teach echocardiography in a practical, informative manner - a technique that pays dividends for his students as they seek the RDCS or RCS credential.

#### **BREAST SONOGRAPHY**

This program is specifically designed for sonographers and mammographers seeking a comprehensive and efficient RDMS or ARRT registry preparation. Within this well-organized and optimized twelve-hour program, information is provided in a way for you to understand concepts and pass your certification exams.



#### JOYCE GRUBE, MS, RDMS

Joyce Grube holds a Bachelor of Science Degree in Radiologic Technology and a Master of Science in Allied Health Education from The Ohio State University. Joyce is a private ultrasound educational consultant and an application specialist for a major ultrasound manufacturer.

Joyce has a multidisciplinary background as a radiographer, mammographer, and sonographer with twenty years of experience as a sonography educator. She holds ARDMS registrations in Breast, Abdominal, and Ob/Gyn sonography. Joyce has been an item writer for the ARDMS, served on numerous committees with the SDMS, and is a past board member of the SDMS. Joyce's clinical and academic experience makes her a leader in ultrasound education in the emerging field of Breast Ultrasound. Her students, past, current and future, benefit from her devotion to and expertise in ultrasound education. Joyce is the author of the Breast Sonography Quiz Cards.

#### FETAL ECHOCARDIOGRAPHY

ESP's Fetal Echocardiography program is aimed at cardiac and obstetric sonographers seeking registry preparation and/or continuing medical education. Julia Drose is a distinguished sonographer and educator with superb instructive skills and extensive clinical experience. Seminar students will enjoy great success in expanding their clinical knowledge and achieving their professional goals. Fetal Echocardiography X-ZONE coming soon!



#### JULIA DROSE, BA, RDMS, RDCS, RVT, FAIUM, FSDMS

Julia Drose is an Associate Professor in the Department of Radiology, University of Colorado Health Sciences Center. Previously, Julia managed the Departments of Ultrasound and Prenatal Diagnosis at the University of Colorado Hospital for 35 years before retiring in 2017. Julia served as chairperson of the ARDMS exam

development task force on fetal echo. She holds registries in fetal echo, adult echo, ob/gyn, abdominal and vascular technology. She is a recipient of the American Institute of Ultrasound in Medicine (AIUM)'s Distinguished Sonographer Award. Julia is the editor of the widely respected textbook Fetal Echocardiography, which released its second edition in 2010. Julia is a renowned sonographer with a career-long commitment to excellence in ultrasound education. Julia is a strong addition to the ESP faculty.

#### MUSCULOSKELETAL SONOGRAPHY

Dr. Tollefson's twelve-hour MSK course provides outstanding registry preparation and clinical education. It offers participants with a comprehensive introduction to musculoskeletal ultrasound. The program is structured based on the ARDMS exam content outline and includes relevant material on shoulder, elbow, hand/wrist, knee, hip, ankle and foot. The teaching environment will be optimal for those seeking education as well as board preparation for the RMSK & RMSKS exams. Musculoskeletal Sonography X-ZONE coming soon!



# BRIAN TOLLEFSON, MD, RMSK, RDMS, FACEP, CAQ SPORTS MEDICINE

Dr. Brian Tollefson has a rare clinical expertise in both emergency and sports medicine at the University of Mississippi Medical Center, where he has practiced for a number of years. As an attending physician and professor of emergency medicine, Dr. Tollefson lectures regularly on emergency, point of care, and musculoskeletal ultrasound.

He is the Director of the Emergency Ultrasound Fellowship Program, Director of the Sports Medicine Fellowship Program, and serves as the Vice Chair for Education in Emergency Medicine. Dr. Tollefson has an exceptional knowledge of ultrasound for both diagnostic and therapeutic purposes. His area of ultrasound expertise encompasses emergency, point of care, and musculoskeletal medicine.

#### **OBSTETRICS & GYNECOLOGY SONOGRAPHY**

ESP's Ob/Gyn course is the ideal review for practicing professionals as well as students with a reasonable level of clinical experience. You receive a comprehensive course outline containing both fundamentals and recent advances. Extensive image review will sharpen your diagnostic skills. Physicians seeking an overview of Ob/Gyn sonography will find this course effective. Students report that they are exquisitely prepared for their ARDMS registry exam!



#### CYNDI PETERSON, MPH, RT, RDMS, RVT

Cyndi Peterson is the Program Director of the Diagnostic Medical Sonography program at Kent State University, Salem Campus. She holds a Master of Public Health from Kent State University and a Bachelor of Science in Applied Science from Youngstown State. Cyndi has a multidisciplinary background. She holds ARDMS registries in Ob/Gyn, Abdominal, Breast, Pediatric Sonography, and

Vascular Technology as well as an ARRT registration in Radiography. Cyndi has over 30 years of sonography experience and maintains an active clinical role as a sonographer at Southwoods Imaging. She has taught the OB/GYN review course for ESP since 2009. Her students appreciate her teaching style and approachability.



#### MICHELLE PATTERSON, BS, RDMS

Michelle Patterson has over 10 years of experience in OB/GYN and Maternal Fetal Medicine sonography. She holds ARDMS registries in OB/GYN, Fetal Echocardiography, and Abdomen as well as a Bachelor's of Science in Diagnostic Medical Sonography from Kent State University. She is currently a clinical applications specialist for a major ultrasound manufacturer. Michelle is passionate about

education and helping sonographers earn and maintain their specialty credentials.

# PEDIATRIC ECHOCARDIOGRAPHY AND CONGENITAL CARDIAC SONOGRAPHY

The Pediatric Echo course prepares the experienced echocardiographer to earn RDCS credentials in Pediatric Echocardiography from ARDMS and the Registered Congenital Cardiac Sonography (RCCS) credential from CCI. This course also meets the needs of physicians seeking a thorough review of this area. Pediatric X-Zone Coming Soon!



#### CHRISTOPHER P. MARCELLA, RDCS, FASE

Christopher P. Marcella is a senior cardiac sonographer specializing in the clinical application of echocardiography for fetal, pediatric and adult patients with complex congenital heart disease at Doernbecher Children's Hospital (DCH). DCH is part of Oregon Health and Science University located in Portland Oregon. Chris currently serves as Technical and Clinical Educator. He is the Primary Preceptor for physicians

during their fellowship as well as sonographers during their externship training at DCH.

#### PEDIATRIC ECHOCARDIOGRAPHY (CONTINUED)



ROBERT W. MCDONALD, RDCS, RCS, RCCS, ACS, FASE

Rob is registered in pediatric, adult and fetal echocardiography as well as congenital cardiac sonography. His extensive experience and outstanding clinical material provides excellent examples of pathology. Rob is the author of the Pediatric Echo Course Book, Pediatric Quiz Cards, Pediatric Echo X-ZONE.

#### PEDIATRIC SONOGRAPHY

ESP's Pediatric Sonography review is aimed at the sonographer seeking registry preparation and/or continuing medical education. You will receive an inclusive course outline containing a review of that material identified on the ARDMS exam content outline. Reports from last year's students document that Lisa hit the target with regard to the ARDMS pediatric sonography registry exam. Highly suggested to be registered in Abdominal Sonography. Pediatric Sonography X-Zone Coming Soon!



#### LISA SCHULER, BS, RDMS, RVT

Lisa Schuler is a Professor and Clinical Instructor for the CAAHEP accredited Diagnostic Medical Sonography Program at Delgado Community College in New Orleans. She holds ARDMS registrations in pediatric sonography, abdomen, ob/gyn, and vascular technology. Lisa's educational style, refined over many years, is remarkable and best described as accurate, precise, relaxed and informal. Pediatric Sonography X-Zone not available.

#### **VASCULAR TECHNOLOGY**

ESP's Vascular program is recognized as the largest, most effective and efficient method for technologists and physicians preparing for RVT and RVS credentials.



#### WILLIAM B. SCHROEDTER, BS, RVT, RPhS, FSVU

Bill Schroedter is a distinguished educator at the international and national level. He is recognized as an authority in all aspects of vascular testing in both clinical practice and education. Bill spent 7 years on the Society of Vascular Ultrasound Board of Directors and as SVU Vice President. He was honored as a Fellow of SVU in 1998.



#### JEAN M. WHITE-MELENDEZ, RVT, RPhS, FSVU

Jean is the program director at ESP Ultrasound. She is responsible for managing all aspects of its educational courses. Jean is nationally recognized as a premier expert in venous disease and vascular testing. She has served as an application reviewer and site visitor for the Intersocietal Accreditation Commission (IAC). Jean has served on the Board of Directors of multiple vascular societies and foundations. She was honored as a Fellow of SVU in 2014.

# POCUS - POINT OF CARE ULTRASOUND SEMINAR

The Point of Care Ultrasound Course is a program born out of necessity for high quality education on point of care ultrasound. Proper ultrasound training is required to successfully practice and pass Point of Care ultrasound certificates and certifications. This course is to prepare the healthcare professional to be successful in certification and implementation into practice.

POCUS CREDIT INFORMATION -Dr. Tollefson's twelve-hour course provides outstanding registry preparation and clinical education. It offers participants with a comprehensive introduction to point of care ultrasound. The program is structured based on the Point of Care Ultrasound exam content outline and includes relevant material on trauma, abdominal aortic aneurysm (AAA), lower extremity deep vein thrombosis (DVT), lung, cardiac, musculoskeletal (MSK), gastrointestinal, obstetrics, hepatobiliary and spleen, renal and genitourinary. The teaching environment will be optimal for those seeking quality education as well as board preparation for the Point of Care Fundamentals Certification and Individual Clinical Certificate exams.



# BRIAN TOLLEFSON, MD, RMSK, RDMS, FACEP, CAQ SPORTS MEDICINE

Dr. Tollefson holds RMSK and RDMS credentials and is exceptionally qualified to teach courses on point of care and musculoskeletal ultrasound. His teaching style is incredibly concise and highly motivating for those seeking advanced education and certification in Point of Care and Musculoskeletal Ultrasound.

#### Visit website www.esp-inc.com for 2021 dates.



I passed my vascular registry on the first try. I could not have done it without the seminar and x-zone. I highly recommend this program for anyone taking the registry.

Elizabeth Barras, RDCS, RVT

#### PVI - PHYSICIAN'S IN VASCULAR INTERPRETATION

Our course will provide focused and effective preparation for those that seek to pass the APCA Registered Physician Vascular Interpretation (RPVI). Approved for 15-hour AMA PRA CAT 1 credits this comprehensive course will advance the understanding of ultrasound physics, and non-invasive vascular interpretation to including arterial, venous, abdominal, and cerebrovascular studies. We use a variety of educational tools, including a comprehensive workbook, extensive audiovisuals, the most extensive and up to date case study collection, and personal interaction between faculty and student. Included in the course is post-class online access to our self-assessment tool called the X-ZONE.



#### DR. EDWARD G. MACKAY, MD, RVT, RPVI

Edward Mackay is a board-certified vascular surgeon and internationally recognized expert in the treatment of venous disease. He received his medical degree from the University of Florida, residency training at George Baptist Medical Center and a fellowship in vascular surgery at the University of Tennessee Medical Center. His breadth of knowledge in vascular testing coupled with his extraordinary approachable lecturing style makes him the perfect addition to the physician vascular interpretation review course.



#### WILLIAM B. SCHROEDTER, BS, RVT, RPHS, FSVU

Bill Schroedter is a distinguished educator at the international and national levels. He is recognized as an authority in all aspects of vascular testing in both clinical practice and education. Bill spent many years on the Society of Vascular Ultrasound Board of Directors and as SVU Vice President. He was honored as a Fellow of SVU in 1998.



#### JEAN M. WHITE-MELENDEZ, RVT, RPHS, FSVU

Jean is nationally recognized as a premier expert in venous disease, vascular testing and is a frequent lecturer throughout the USA. She has served as an application reviewer and site visitor for the Intersocietal Commission for the Accreditation of Vascular Laboratories (ICAVL). Jean has served on the Board of Directors of multiple vascular societies and foundations. She was honored as a Fellow of the SVU in 2014.

Visit website www.esp-inc.com for 2021 dates.

# CONTINUING MEDICAL EDUCATION CREDITS

#### SDMS CME CREDITS

ULTRASOUND PHYSICS
ABDOMINAL
ADULT ECHO
BREAST
FETAL ECHO
MUSCULOSKELETAL
OB/GYN
PEDIATRIC ECHO
PEDIATRIC SONOGRAPHY
VASCULAR TECHNOLOGY

Each course has been awarded a maximum of 12 SDMS CME credits on an hour-for-hour basis. These hours are accepted by ARDMS, CCI and the ARRT as Category A credit. Those attending both morning and afternoon courses earn up to 24 hours of credit.

All ESP courses are also approved by the State of Florida, Office of Radiation Control for CME credit.

#### FOR PHYSICIANS - AMA PRA CATEGORY 1 CREDIT(S)™

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for



Continuing Medical Education (ACCME) through the joint providership of Penn State College of Medicine and ESP Ultrasound. Penn State College of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

Penn State College of Medicine designates these live activities for AMA PRA Category 1 Credit(s)<sup>TM</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

- Seminar Weekends approved for a maximum of 24 AMA PRA Category 1  $Credit(s)^{TM}$
- Physician's in Vascular Interpretation Weekend approved for a maximum of 15  $AMA\ PRA\ Category\ 1\ Credit(s)^{\text{TM}}$
- Point of Care Ultrasound Weekend approved for a maximum of 12 AMA PRA Category 1 Credit(s)™

It is our policy to ensure balance, independence, objectivity, and scientific rigor in all of our educational programs. Faculty and course directors have disclosed relevant financial relationships with commercial companies, and Penn State has a process in place to resolve any conflict of interest. Complete faculty disclosure will be provided to program participants at the beginning of the activity.

The information presented at this CME program represents the views and opinions of the individual presenters, and doesn't constitute the opinion or endorsement of, or promotion by, Penn State College of Medicine. Each participant must use his/her personal and professional judgment when considering further application of this information.

All participants may earn AMA PRA Category 1 Credit(s)™.

(Seminar Weekend Courses Only)

# GENERAL INFORMATION

#### **HOW TO REGISTER**

Guarantee your enrollment instantly by registering on our website www.esp-inc.com.

You may also e-mail, fax or mail your completed registration form and payment to: PO  ${\tt Box}\,7439$ 

Woodlands, TX 77387-7439 info@esp-inc.com

#### WHEN TO REGISTER

Maximum attendance limits have been established. Register early, enrollments are processed on a first-come, first-served basis. Late registrations subject to a \$50 late fee, plus shipping fees may vary.

#### ATTENDING MORE THAN ONE SEMINAR IN 2021?

When you attend two or more live registry review seminars in 2021, you may deduct \$50 from the tuition of the second seminar. The tuition of each seminar must exceed \$200. To apply discount on-line contract office prior to registering.

#### **ESP CANCELLATION AND REFUND POLICY**

- 1) Registrants are eligible to receive a refund, less a \$50 administrative fee, if the following conditions are met:
  - a. ESP receives the written refund request to info@esp-inc.com at least three weeks prior to the seminar start date and;
  - b. The corresponding workbook(s) have not yet been mailed to the registrant.
- 2) Registrants are not eligible to receive a refund if any of the following conditions are true:
  - a. ESP has shipped the workbook to the registrant or;
  - b. Requests for cancellations are received less than 10 days before the start of the seminar or;
  - c. The registrant does not attend the scheduled seminar.
- 3) Attendees may transfer to another ESP seminar within the same calendar year without incurring a cancellation or administrative fee.

#### **COURSE MATERIALS**

A bound volume of extensive seminar notes will be mailed to attendees. These books are protected by copyright. No part may be reproduced in any manner or by any means without permission in writing from ESP Ultrasound. Any unauthorized reproduction, copying or public presentation of this material will constitute an infringement of copyright.

#### AUDIO AND VIDEO RECORDING

You may audio record our seminars. We expect that these recordings are limited to your personal use and are erased after passing your exam.

Video recording and/or photography during our seminars is forbidden. You shall not copy, reproduce, republish, upload, post, transmit or distribute the Service or the Materials in any way. You shall not sell, resell, license, sublicense, rent, lease, transfer, assign, distribute, grant a security interest in, or otherwise transfer any rights to, or commercially exploit, the Service or any Materials contained in or made available to you in the course of using the Service or use the Service to run or as part of a service bureau, outsourced, or managed services arrangement.

# **FAQS**

#### HOW WILL I GET MY ENROLLMENT CONFIRMATION?

Upon receipt of your registration, confirmation, invoice, and detailed information regarding our program will be sent via e-mail.

#### WHAT'S INCLUDED WITH THE TUITION?

Registration includes comprehensive course material, CME's, & X-Zone access.

# WHEN WILL I GET MY COURSE MATERIAL FOR THE SEMINAR?

Webinar Seminars: We mail workbooks in weekly batches. We will mail your workbook(s) to you at least one week before the start of the webinar (except for last-minute registrants). You will receive tracking information from Stamps.com after we ship the workbook(s).

#### WHEN WILL I HAVE ACCESS TO THE X-ZONE?

This is our #1 priority and access will be granted within one week after the completion of the seminar!



Happy to let you know I recently passed the ARDMS ECHO:) Great service and seminar was the only thing I studied was the materials provided by you guys. Will definitely be coming back for my next registry.

Whitney Kreutzfeldt, RDCS, RVT

"

I recently attended the June 12-14 webinar for OB/GYN and I just wanted to say thank you so much! I took my registry on 28 June and passed with flying colors! I am now officially registered!

Antoinette Sherman, RDMS

# **EDUCATIONAL PRODUCTS**

#### UNDERSTANDING ULTRASOUND PHYSICS, 4TH EDITION

The most respected and critically acclaimed ultrasound physics textbook!

The thoroughly revised fourth edition of Dr. Edelman's text reflects recent changes in registry exam content and technology in the field. Highlights include 424 full color pages containing over 350 illustrations & images and an additional 215 pages of review questions with answers.

The text includes FREE ACCESS for two weeks to a set of 120 Physics exam questions on ESP's innovative website, the X-ZONE.

Product Code: UUP4, \$119

#### **ULTRASOUND PHYSICS QUIZ CARDS & AUDIO**

Each quiz card contains an important question and a detailed answer that stresses conceptual learning. Exam-specific information is found within the Quiz Cards.

Product Code: PQZ, \$64

#### ABDOMINAL SONOGRAPHY QUIZ CARDS

The Abdominal Sonography Quiz Cards provide you with a superb self-assessment opportunity. Prior to the ARDMS exam, evaluate your command of the material required to meet the challenge. The Quiz Cards will focus your efforts and serve as a perfect supplement to achieve RDMS certification.

Product Code: ABD, \$59

#### ADULT ECHO QUIZ CARDS

The Adult Echo Quiz Cards survey the material essential for success on the Echo exam. The Quiz Cards provide an organized method to assess your strengths and to identify areas requiring additional study for RDCS and RCS credentials.

Product Code: AE, \$59

#### ADULT ECHO VIDEO - "TEST & LEARN" CASE STUDIES

Normal Anatomy & Common Pathologies

ESP Ultrasound's newest echo creation. Video loops are presented in two forms, Test Yourself and Learn. Test Yourself presents each video loop as seen in the clinical setting, without annotation or comment. Learn presents the same video with audio and visual interpretation. It is the perfect companion to our Adult Echo registry reviews. Exchanges only, no refunds.

Product Code: AE - TL1, \$159

Special for 2020 & 2021 Adult Echo seminar attendees: \$89

#### BREAST SONOGRAPHY QUIZ CARDS

These Breast Sonography Cards are the perfect self-assessment tool for those seeking credentials. Review the extensive range of required information and identify your areas of strength and weakness. The cards stress conceptual knowledge, providing an organized and systematic assessment of your proficiency.

Product code: BRS, \$59

# **EDUCATIONAL PRODUCTS**

#### FETAL ECHOCARDIOGRAPHY OUIZ CARDS

The Fetal Echocardiography Quiz Cards provide a comprehensive review of material required to pass the credentialing examination. This tool allows you to assess your proficiency in fetal cardiac anatomy, pathology and technical parameters associated with performance of a fetal echocardiogram.

Product Code: FE, \$59

#### MUSCULOSKELETAL SONOGRAPHY QUIZ CARDS

The musculoskeletal ultrasound Quiz Cards provide a review of the material required to earn RMSK and RMSKS credentials. In a question and answer format, the Quiz Cards review important concepts focusing on gross anatomy and normal MSK US anatomy. This essential tool allows you to assess your proficiency and readiness to challenge the musculoskeletal ultrasound specialty board exam.

Product Code: MSK, \$59

#### **OBSTETRICS & GYNECOLOGY QUIZ CARDS**

These Ob/Gyn Quiz Cards review the material required to score a high grade on this RDMS exam. In a question and answer format, the cards survey the essential material and allow you to evaluate your command of the clinical information found on the test.

Product Code: OBG, \$59

# PEDIATRIC ECHO & CONGENITAL CARDIAC SONOGRAPHY QUIZ CARDS

The Pediatric Echo and Congenital Cardiac Sonography Quiz Cards provides a comprehensive review of congenital and acquired pediatric heart disease terminology, anatomy and self-assessment to help supplement learning in achieving the RDCS and RCCS certification.

Product Code: PE, \$59

#### PEDIATRIC SONOGRAPHY OUIZ CARDS

The Pediatric Sonography Quiz Cards provide a comprehensive review of the material required to pass the credentialing examination. This tool allows you to assess your proficiency in neonatal and pediatric head and neck, chest, abdominal, pelvic, small parts and MSK anatomy and pathology, pediatric patient care and technical parameters associated with the performance of Pediatric Sonography.

Product Code: PS, \$59

#### VASCULAR TECHNOLOGY QUIZ CARDS

The Vascular Technology Quiz Cards provide a comprehensive review of the material required to earn RVT or RVS credentials. Each card reviews an important concept. This essential tool allows you to assess your proficiency and readiness to challenge the vascular specialty exam.

Product Code: VT, \$59

#### THE X-ZONE - ONLINE PRACTICE QUESTIONS

Assess your knowledge with our online test questions. Visit our website for duration and pricing information. Subjects available: abdominal, adult echo, breast, fetal echo, msk, ob/qyn, pediatric echo, phlebology, physics, and vascular.

Prices and availability subject to change.

# **EDUCATIONAL PRODUCTS**



#### **ESP ULTRASOUND'S X-70NE**

ESP Ultrasound's X-Zone is the #1 destination site for high quality and affordable practice questions and answers for the Ultrasound registry exams. Individuals with an internet connection can take advantage of our X-Zone. You may access the system from any computer, anywhere, and at any time.

Assess your technical proficiency and skill levels. In addition, obtain answers to your pressing certification-related questions.

Seminar students in Abdominal, Adult Echo, Breast, Fetal Echo, MSKk, Ob/Gyn, Pediatric Echo, Pediatric Sono., Physics, PVI and Vascular. will have free six week unlimited access to the X-Zone, in the class that they attend. Others may purchase access on our website at www.esp-inc.com.

Try before you buy! Log on to preview free practice questions.

Visit us at www.esp-inc.com and click on the X-Zone tab.

# CHALLENGING CCI'S NON-INVASIVE ECHO OR NON-INVASIVE VASCULAR EXAM?

CCI combines both clinical material and physics material in each of these exams. Therefore, ESP's Physics & Specialty Weekends are ideal preparation for sonographers seeking CCI's RCS or RVS credentials. Enroll in both the morning Physics and an afternoon Specialty class for optimal non-invasive echo or vascular exam coverage.

https://esp-inc.com/shop/

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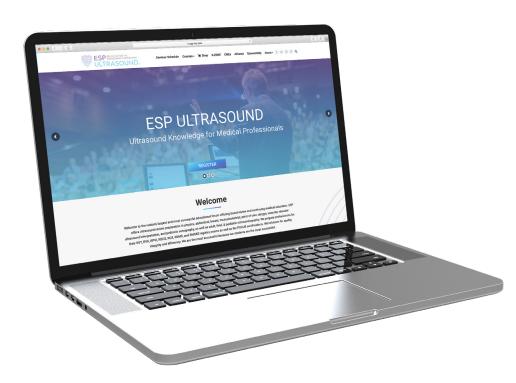
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