ULTRASOUND REGISTRY REVIEW

And Continuing Education For The Sonographic Professional

PROGRAMS FOR:

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

physics component of ASCEXAM & PTEEXAM
## 2018 Seminar Schedule

### PHYSICS & SPECIALTY and PHYSICS ONLY WEEKENDS

<table>
<thead>
<tr>
<th>Location</th>
<th>Dates</th>
<th>Type</th>
<th>Page</th>
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</thead>
<tbody>
<tr>
<td>Birmingham, AL</td>
<td>March 2 – 4</td>
<td>Physics &amp; Specialty Weekend</td>
<td>5</td>
</tr>
<tr>
<td>Pittsburgh, PA</td>
<td>April 6 – 8</td>
<td>Physics &amp; Specialty Weekend</td>
<td>5</td>
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<tr>
<td>Los Angeles, CA</td>
<td>April 21 – 22</td>
<td>Physics Only Weekend</td>
<td>16</td>
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<tr>
<td>Dallas, TX</td>
<td>April 27 – 29</td>
<td>Physics &amp; Specialty Weekend</td>
<td>6</td>
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<tr>
<td>Parsippany, NJ</td>
<td>June 8 – 10</td>
<td>Physics &amp; Specialty Weekend</td>
<td>6</td>
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<td>Orlando, FL</td>
<td>July 13 – 15</td>
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<td>7</td>
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<tr>
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<td>Chicago, IL</td>
<td>September 7 – 9</td>
<td>Physics &amp; Specialty Weekend</td>
<td>8</td>
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<tr>
<td>Houston, TX</td>
<td>September 28 – 30</td>
<td>Physics &amp; Specialty Weekend</td>
<td>8</td>
</tr>
<tr>
<td>Washington, DC</td>
<td>October 5 – 7</td>
<td>Physics &amp; Specialty Weekend</td>
<td>9</td>
</tr>
<tr>
<td>Phoenix, AZ</td>
<td>October 13 – 14</td>
<td>Physics Only Weekend</td>
<td>16</td>
</tr>
</tbody>
</table>

**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 20 – 23

[www.esp-inc.com](http://www.esp-inc.com)
WHO SHOULD ATTEND

SONOGRAPHERS: ESP’s programs serve sonographers, technologists, echocardiographers and mammographers preparing for ultrasound boards 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, emergency medicine, cardiac anesthesiology, phlebology and Ob/Gyn will benefit from our programs. Physicians earn AMA PRA Category 1 Credit(s)™ while preparing for board exams 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)™ 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.

I wanted to write a quick note to tell you I just passed my SPI test on the first try! Your approach to the material and knowledge of how to be successful clearly paid off.

Stephanie Kile, RT
Physics & Specialty Weekend

**SEMINAR DATES**

<table>
<thead>
<tr>
<th>Location</th>
<th>Dates</th>
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</thead>
<tbody>
<tr>
<td>Birmingham, AL</td>
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<td>Houston, TX</td>
<td>Sept 28 – 30</td>
</tr>
<tr>
<td>Washington, DC</td>
<td>October 5 – 7</td>
</tr>
</tbody>
</table>

**COURSES**

**MORNING COURSES**
- ULTRASOUND PHYSICS - SPI
- FETAL ECHOCARDIOGRAPHY
- MUSCULOSKELETAL (see page 14)
- PEDIATRIC ECHOCARDIOGRAPHY
- PEDIATRIC SONOGRAPHY

**AFTERNOON COURSES**
- ABDOMINAL SONOGRAPHY
- ADULT ECHOCARDIOGRAPHY
- BREAST SONOGRAPHY
- OB/GYN SONOGRAPHY
- 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 roadmap 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.

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ESP is pleased to announce that Pediatric Echocardiography will now be taught in the morning.

Ultrasound Physics - SPI, Fetal Echocardiography, Musculoskeletal, and Pediatric Sonography will continue to be taught in the mornings. This will enable you to attend additional clinical specialties in the afternoons.
COURSE DETAILS

Birmingham, Alabama
March 2 – 4

Hotel & Seminar Location:
Birmingham Marriott
3590 Grandview Parkway
Birmingham, AL 35243
205-968-3775

Morning Courses
Ultrasound Physics – SPI
Pediatric Sonography
(select only one – each class all 3 days)
Friday 8 AM – Noon,
Saturday 7:30 AM – Noon and
Sunday 7:30 AM – 11:15 AM

Afternoon Courses
Abdominal Sonography
Adult Echocardiography
Ob/Gyn Sonography
Vascular Technology
(Select one only – each class all 3 days)
Friday 1 PM – 5 PM,
Saturday 1 PM – 5 PM and
Sunday 12 PM – 4 PM

Pittsburgh, Pennsylvania
April 6 – 8

Hotel & Seminar Location:
Sheraton Hotel Station Square
300 W Station Square Drive
Pittsburgh, PA 15219
412-261-2000

Morning Courses
Ultrasound Physics - SPI
Fetal Echocardiography
(select only one – each class all 3 days)
Friday 8 AM – Noon,
Saturday 7:30 AM – Noon and
Sunday 7:30 AM – 11:15 AM

Afternoon Courses
Abdominal Sonography
Adult Echocardiography
Ob/Gyn Sonography
Vascular Technology
(Select one only – each class all 3 days)
Friday 1 PM – 5 PM,
Saturday 1 PM – 5 PM and
Sunday 12 PM – 4 PM

TUITIONS, SPECIAL COURSE CITIES & FAQ:
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# Physics & Specialty Weekend

## Dallas, Texas

<table>
<thead>
<tr>
<th>April 27 – 29</th>
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</thead>
<tbody>
<tr>
<td><strong>Hotel &amp; Seminar Location:</strong> Omni Mandalay - Las Colinas</td>
</tr>
<tr>
<td>221 East Las Colinas Boulevard</td>
</tr>
<tr>
<td>Irving, TX 75039</td>
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<tr>
<td>972-556-0800</td>
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### Morning Courses

- Ultrasound Physics - SPI
- Musculoskeletal Sonography
- Pediatric Sonography

(select only one – each class all 3 days)
- Friday 8 AM – Noon,
- Saturday 7:30 AM – Noon and
- Sunday 7:30 AM – 11:15 AM

### Afternoon Courses

- Abdominal Sonography
- Adult Echocardiography
- Breast Sonography
- Vascular Technology

(Select one only – each class all 3 days)
- Friday 1 PM – 5 PM,
- Saturday 1 PM – 5 PM and
- Sunday 12 PM – 4 PM

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## Parsippany, New Jersey

<table>
<thead>
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<th>June 8 – 10</th>
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<tbody>
<tr>
<td><strong>Hotel &amp; Seminar Location:</strong> Sheraton Parsippany Hotel</td>
</tr>
<tr>
<td>199 Smith Road</td>
</tr>
<tr>
<td>Parsippany, NJ 07054</td>
</tr>
<tr>
<td>888-627-8148</td>
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</table>

### Morning Courses

- Ultrasound Physics – SPI
- Fetal Echocardiography
- Pediatric Echocardiography

(select only one – each class all 3 days)
- Friday 8 AM – Noon,
- Saturday 7:30 AM – Noon and
- Sunday 7:30 AM – 11:15 AM

### Afternoon Courses

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

(Select one only – each class all 3 days)
- Friday 1 PM – 5 PM,
- Saturday 1 PM – 5 PM and
- Sunday 12 PM – 4 PM

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*I just wanted to thank you for all your help in getting me through my Vascular Ultrasound boards. I passed yesterday with a wonderful score!*

Robin Lewis, RDMS, RVT

*I cannot express my gratitude enough to Sidney Edelman and his team for the numerous boards I have passed the first time. I would not be where I am today without these courses.*

Megan Raynes RDMS, RDCS, RVT, RT
<table>
<thead>
<tr>
<th>Orlando, Florida</th>
<th>Las Vegas, Nevada</th>
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</thead>
<tbody>
<tr>
<td>July 13 – 15</td>
<td>August 3 – 5</td>
</tr>
</tbody>
</table>

**Hotel & Seminar Location:**
Florida Hotel & Conference Center  
1500 Sand Lake Road  
Orlando, FL 32809  
800-588-4656

**Morning Courses**
- Ultrasound Physics - SPI
- Fetal Echocardiography
- Pediatric Sonography
  (select only one – each class all 3 days)
  - Friday 8 AM – Noon,
  - Saturday 7:30 AM – Noon and
  - Sunday 7:30 AM – 11:15 AM

**Afternoon Courses**
- Abdominal Sonography
- Adult Echocardiography
- Breast Sonography
- Ob/Gyn Sonography
- Vascular Technology
  (Select one only – each class all 3 days)
  - Friday 1 PM – 5 PM,
  - Saturday 1 PM – 5 PM and
  - Sunday 12 PM – 4 PM

**Hotel & Seminar Location:**
Westgate Las Vegas Resort  
3000 Paradise Road  
Las Vegas, NV 89109  
(800) 732-7117

**Morning Courses**
- Ultrasound Physics - SPI
- Fetal Echocardiography
- Musculoskeletal Sonography
- Pediatric Echocardiography
- Pediatric Sonography
  (select only one – each class all 3 days)
  - Friday 8 AM – Noon,
  - Saturday 7:30 AM – Noon and
  - Sunday 7:30 AM – 11:15 AM

**Afternoon Courses**
- Abdominal Sonography
- Adult Echocardiography
- Breast Sonography
- Ob/Gyn Sonography
- Vascular Technology
  (Select one only – each class all 3 days)
  - Friday 1 PM – 5 PM,
  - Saturday 1 PM – 5 PM and
  - Sunday 12 PM – 4 PM

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

**September 7 – 9**

**Hotel & Seminar Location:**
DoubleTree Oak Brook  
1909 Spring Road  
Oak Brook, IL 60523  
630-472-6000

**Morning Courses**

- **Ultrasound Physics – SPI**  
- **Pediatric Echocardiography**  
  (select only one – each class all 3 days)
  - Friday 8 AM – Noon,  
  - Saturday 7:30 AM – Noon and  
  - Sunday 7:30 AM – 11:15 AM

**Afternoon Courses**

- **Abdominal Sonography**  
- **Adult Echocardiography**  
- **Breast Sonography**  
- **Ob/Gyn Sonography**  
- **Vascular Technology**  
  (Select one only – each class all 3 days)
  - Friday 1 PM – 5 PM,  
  - Saturday 1 PM – 5 PM and  
  - Sunday 12 PM – 4 PM

## Houston, Texas

**September 28 – 30**

**Hotel & Seminar Location:**
Westin Oaks Houston  
5011 Westheimer at Post Oak  
Houston, TX 77056  
888-627-8514

**Morning Course**

- **Ultrasound Physics – SPI**  
  (all 3 days)
  - Friday 8 AM – Noon,  
  - Saturday 7:30 AM – Noon and  
  - Sunday 7:30 AM – 11:15 AM

**Afternoon Courses**

- **Abdominal Sonography**  
- **Adult Echocardiography**  
- **Ob/Gyn Sonography**  
- **Vascular Technology**  
  (Select one only – each class all 3 days)
  - Friday 1 PM – 5 PM,  
  - Saturday 1 PM – 5 PM and  
  - Sunday 12 PM – 4 PM

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*I just want to thank you for your wonderful physics and OB/GYN review classes. I am officially RDMS.*

**Julie Fertonani, RDMS**

*I recently took and passed my BR examination. The class was very helpful and informative.*

**Angela Sheppard, RDSM, RVT**
Washington, DC  
October 5 – 7

Hotel & Seminar Location:  
Hyatt Regency Reston  
1800 Presidents Street  
Reston, VA 20190  
703-709-1234

Morning Courses
Ultrasound Physics – SPI  
Fetal Echocardiography  
Musculoskeletal Sonography  
(select only one – each class all 3 days)  
Friday 8 AM – Noon,  
Saturday 7:30 AM – Noon and  
Sunday 7:30 AM – 11:15 AM

Afternoon Courses
Abdominal Sonography  
Adult Echocardiography  
Ob/Gyn Sonography  
Vascular Technology  
(Select one only – each class all 3 days)  
Friday 1 PM – 5 PM,  
Saturday 1 PM – 5 PM and  
Sunday 12 PM – 4 PM
## 2018 Physics & Specialty Weekend Enrollment

There are 4 Ways to Register:

1) **ONLINE** – www.esp-inc.com
2) **EMAIL ATTACHMENT** – info@esp-inc.com
3) **FAX** – (281) 292-9430
4) **MAIL** – ESP Ultrasound • PO Box 7439 • Woodlands, Texas 77387-7439

Personal checks payable to ESP Ultrasound must arrive 4 weeks prior to seminar.

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**Select Seminar Location**

<table>
<thead>
<tr>
<th>CITY</th>
<th>DATE</th>
</tr>
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<tbody>
<tr>
<td>Birmingham, AL</td>
<td>March 2 - 4</td>
</tr>
<tr>
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<td>September 28 - 30</td>
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<td>Washington, DC</td>
<td>October 5 - 7</td>
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</tbody>
</table>

**Enrollment Fee:** $ __________

(see page 11)

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### PLEASE ENROLL ME IN:

**Morning Courses**

- [ ] Ultrasound Physics - SPI
- [ ] Fetal Echocardiography
- [ ] Musculoskeletal
- [ ] Pediatric Echocardiography
- [ ] Pediatric Sonography

**Afternoon Courses**

- [ ] Abdominal Sonography
- [ ] Adult Echocardiography
- [ ] Breast Sonography
- [ ] Obstetric & Gynecologic Sonography
- [ ] Vascular Technology

---

**Name:** ____________________________________________

**Credentials that you hold:** [ ] RDMS [ ] RDCS [ ] RVT [ ] RVS [ ] RCS [ ] RT [ ] RN [ ] PA [ ] MD [ ] DO [ ] DC

**Birthday:** ____________________  ARDMS #: ____________  CCI #: ____________  SDMS #: ____________

**Address:** ____________________________________________

**City:** ____________________  State: ________  Zip: ____________________

**Preferred Phone:** ____________________  Email Address: ____________________

[ ] Cell  [ ] Home  [ ] Work

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**Method of payment:**

- [ ] Check/Money order (enclosed) or
- [ ] Please charge my: [ ] MasterCard  [ ] Visa  [ ] Discover

**Card No.:** ____________________  **Exp Date:** ____________________

**Card Code:** ____________________

(3 digit)

**Signature:** ____________________

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**There are 4 Ways to Register:**

1) **ONLINE** – www.esp-inc.com
2) **EMAIL ATTACHMENT** – info@esp-inc.com
3) **FAX** – (281) 292-9430
4) **MAIL** – ESP Ultrasound • PO Box 7439 • Woodlands, Texas 77387-7439

Personal checks payable to ESP Ultrasound must arrive 4 weeks prior to seminar.
## Tuitions, Special Course Cities, & FAQ

### Tuitions Sonographer Physician

<table>
<thead>
<tr>
<th>Morning Course ONLY</th>
<th>Tuitions Sonographer Physician</th>
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<tbody>
<tr>
<td>Ultrasound Physics - SPI</td>
<td>$325</td>
</tr>
<tr>
<td>Abdominal, Adult Echo, Ob/Gyn, or Vascular</td>
<td>$325</td>
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<tr>
<td>Breast Sonography</td>
<td>$325</td>
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<tr>
<td>Abdominal, Adult Echo, Ob/Gyn, or Vascular</td>
<td>$325</td>
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<tr>
<td>Breast Sonography</td>
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<table>
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<tr>
<th>Afternoon Course ONLY</th>
<th>Tuitions Sonographer Physician</th>
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<tbody>
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<td>Breast Sonography</td>
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<tr>
<td>Abdominal, Adult Echo, Ob/Gyn, or Vascular</td>
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<td>Breast Sonography</td>
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<tr>
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<tr>
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<tr>
<td>Abdominal, Adult Echo, Ob/Gyn, or Vascular</td>
<td>$550</td>
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<tr>
<td>Breast Sonography</td>
<td>$550</td>
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### Special Morning Course Cities:

- **Fetal Echocardiography** presented only in:
  - Pittsburgh, Apr. 6 – 8
  - Parsippany, Jun. 8 – 10
  - Orlando, Jul. 13 – 15
  - Las Vegas, Aug. 3 – 5
  - Washington, D.C., Oct. 5 – 7
- **Musculoskeletal** presented only in:
  - Dallas, Apr. 27 – 29
  - Las Vegas, Aug. 3 – 5
  - Washington, D.C., Oct. 5 – 7

- **Pediatric Echocardiography** presented only in:
  - Parsippany, Jun. 8 – 10
  - Las Vegas, Aug. 3 – 5
  - Chicago, Sept. 7 – 9
- **Pediatric Sonography** presented only in:
  - Birmingham, Mar. 2 – 4
  - Dallas, Apr. 27 – 29
  - Orlando, Jul. 13 – 15
  - Las Vegas, Aug. 3 – 5

### Special Afternoon Course Cities:

- **Breast Sonography** presented only in:
  - Dallas, Apr. 27 – 29
  - Orlando, Jul. 13 – 15
  - Las Vegas, Aug. 3 – 5
  - Chicago, Sept. 7 – 9

### FAQ:

**Q:** How will I get my enrollment confirmation?

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

**Q:** What’s included with the tuition?

**A:** Registration includes comprehensive course materials, morning light continental breakfasts and afternoon beverage breaks.

**Q:** When will I get my course material for the seminar?

**A:** Course outlines will be distributed at the seminar during registration.

**Q:** When will I have access to the X-Zone?

**A:** This is our #1 priority. Our goal is to inform you of X-Zone access by Tuesday morning following the seminar. We are unable to deliver access any sooner.
ULTRASOUND PHYSICS – SPI

Sidney K. Edelman, Ph.D.

Focused, efficient, productive and fun - the essence of board preparation. Dr. Edelman’s course is the nation’s largest and most successful ultrasound physics registry review. 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.

Dr. Sid Edelman is considered the premier physics instructor for all Ultrasound board reviews. Just ask your colleagues! Feedback from his students provide continuing quality improvement to his courses. His focused, efficient, and down-to-earth style produces passing scores for attendees of this course.

ADULT ECHOCARDIOGRAPHY

David B. Adams, RCS, RDCS, ACS, FASE
Alicia Armour, MA, RDCS, FASE

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.

David Adams is a renowned innovator in echocardiography practice, research and education. He is the recipient of the first ASE Sonographer Lifetime Achievement Award and the past recipient of the ASE’s Distinguish Sonographer Teaching Award.

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.

ABDOMINAL SONOGRAPHY

Steve Bernhardt, RDMS, RVT, RPhS

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 a RDMS credentials in Abdominal Sonography.

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

Cyndi Peterson, MPH, RDMS, RVT

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 holds ARDMS registries in ob/gyn, abdominal, breast, pediatric sonography and vascular technology. Her students find her extremely knowledgeable and able to relate information in a manner that greatly assists in their registry preparation.

VASCULAR TECHNOLOGY

William B. Schroedter, BS, RVT, RPhS, FSVU

Jean M. White-Melendez, RVT, RPhS, FSVU

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

BREAST SONOGRAPHY

Joyce Grube, MS, RDMS

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 approaches this endeavor with four outstanding assets: her total command of this subject, her formal education, many years as an instructor, and her extensive clinical experience in both ultrasound and mammography. She holds ARDMS registrations in breast, abdominal and ob/gyn sonography. Joyce’s seminar students enjoy great success in achieving their professional goals.

I thoroughly enjoyed the Pediatric review seminar and successfully passed my Pediatric board. Thanks for all you do!

Christina Sprague, RDMS

I attended the Ob/Gyn Seminar... I have passed my exam! The seminar was really informative and it definitely helped me to be prepared to sit for my exam. I will definitely attend more seminars to attain more specialties!

Krystal Palma, RDMS
PEDIATRIC ECHOCARDIOGRAPHY AND CONGENITAL CARDIAC SONOGRAPHY

Robert W. McDonald, RDCS, RCS, RCCS, ACS, FASE

Rob McDonald’s 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.

You and Rob will jointly review the complexities of noninvasive diagnosis of congenital heart disease using clinical material from Rob’s extensive library. His interactive, insightful educational style has been developed over many years of working closely with his own pediatric echocardiographers at OHSU. This course is also an excellent educational opportunity for the adult echocardiographer and cardiologist interested in patients with congenital heart disease. Rob is registered in pediatric, adult and fetal echocardiography as well as congenital cardiac sonography. His extensive experience and outstanding clinical material makes him superbly qualified to lead our Pediatric Echo program.

Pediatric Echocardiography presented only in Parsippany, Jun. 8 – 10, Las Vegas, Aug. 3 – 5, and Chicago, Sept. 7 – 9.

PEDIATRIC SONOGRAPHY

Lisa Schuler, BS, RDMS, RVT

ESP’s new 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.

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.


Thank you once again for helping me to pass my SPI... on to the Vascular Technologist exam!

Wendy Wolf-Durso, RDMS
Physics Only Weekend

Los Angeles, California

April 21 – 22

Crowne Plaza LA Airport
5985 W. Century Blvd
Los Angeles, CA 90045
310-642-7500

Phoenix, Arizona

October 13 – 14

Hilton Garden Inn Phoenix Airport
3422 E. Elwood Street
Phoenix, AZ 85040
602-470-0500

SCHEDULE & TUITION

Hours: Saturday 8 AM – 5 PM and Sunday 8 AM – 1:30 PM

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<tr>
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<th>Sonographer</th>
<th>Physician</th>
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<tr>
<td>Ultrasound Physics – SPI</td>
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Registration tuition include comprehensive course materials, continental breakfasts and beverage breaks.

To enroll in this Physics Weekend, register on-line at www.esp-inc.com or use the registration form on page 17. Please refer to General Information, page 19, for further details.

FACULTY

Sidney K. Edelman, Ph.D.
Program Director, ESP Ultrasound, Woodlands, Texas
Ultrasound Physics – SPI

COURSE DESCRIPTION – SPI PHYSICS

Focused, efficient and productive – the essence of board preparation. Dr. Edelman’s course is the nation’s largest and most successful ultrasound physics registry review. Dr. Edelman has updated his physics class to include the new semi-interactive console questions found on the ARDMS SPI exam. His innovative teaching techniques, developed over twenty years, explain physics in simple, everyday terms. 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. 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.

Did you know… attending Dr. Edelman’s physics class meets the prerequisites to take the ARDMS SPI Physics exam?
Physics Only Weekend

2018 Physics Only Weekend Enrollment

Select Seminar Location

CITY DATE

- Los Angeles, CA ........... April 21 – 22
- Phoenix, AZ ............... October 13 – 14

Tuition

SONOGRAPHER PHYSICIAN

Ultrasound Physics – SPI .................. $325 ............. $425

Tuition includes comprehensive course materials, light continental breakfast, and beverage breaks.

There are 4 Ways to Register:

1) ONLINE – www.esp-inc.com

2) EMAIL ATTACHMENT – info@esp-inc.com

3) FAX: (281) 292-9430

4) MAIL – ESP Ultrasound • PO Box 7439 • Woodlands, Texas 77387-7439

Personal checks payable to ESP Ultrasound must arrive 4 weeks prior to seminar.
ULTRASOUND PHYSICS, ABDOMINAL, ADULT ECHO, BREAST, FETAL ECHO, MUSCULOSKELETAL, OB/GYN, PEDIATRIC ECHO, PEDIATRIC SONOGRAPHY, AND VASCULAR TECHNOLOGY

Each course above 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. Each course also meets the criteria for contact hours of Type II CME credit for Texas registered nurses.

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 provid-ership 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)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

• Physics and Specialty Weekend – approved for a maximum of 24 AMA PRA Category 1 Credit(s)™
• Physics 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 does not 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)™. Please contact our office for details.
General Information

HOW TO REGISTER
Guarantee your enrollment instantly by registering on our secure website www.esp-inc.com.

You may also e-mail, fax or mail your completed registration form and payment to:

ESP Ultrasound
PO Box 7439
Woodlands, TX 77387-7439
info@esp-inc.com

We do not accept registrations by phone.

WHEN TO REGISTER
Although our meeting space is generous, maximum attendance limits have been established. Register early, enrollments are processed on a first-come, first-served basis. Some 2017 seminars sold out, and unfortunately, we could not accept latecomers!

LATE REGISTRATION FEE
On-site and late registrations subject to a $50 late fee.

ATTENDING MORE THAN ONE SEMINAR IN 2018?
When you attend seminars in two different cities in 2018, you may deduct $50 from the tuition of the second seminar. The tuition of each seminar must exceed $200. You must register for the 2nd seminar via email, mail or fax. You cannot receive the discount online.

CANCELLATION POLICY
Refunds are available, less a $50 administrative fee, for written cancellation received at our office three weeks prior to the original seminar selected. Refunds less than three weeks before the start of the original seminar selected are subject to a $100 cancellation fee.

No refunds are available for non-attendance or for cancellation received in our office less than ten days before the start of the original seminar selected.

Attendees may transfer tuitions to another program within the calendar year without a cancellation fee.

COURSE MATERIALS
A bound volume of extensive seminar notes will be distributed at the seminar.

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. In the spirit of fairness, we expect that these recordings are limited to your personal use and are erased after passing your exam. You must refrain from using electric outlets that are located in the meeting rooms.

Video recording and/or photography during our seminars is forbidden. Anyone found in violation of this policy will be removed from class for the remainder of the seminar and the recording device (smart phones, tablets, video cameras or the like) will be confiscated.
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.

Includes FREE ACCESS to one full length, computer-based practice exam on ESP’s innovative website, the X-Zone.

Program Directors, contact ESP for information on our Academic Alliance Program.

Product Code: **UUP4**, $119

ULTRASOUND PHYSICS QUIZ CARDS & AUDIO

Each quiz card contains an important question and a detailed answer that stresses conceptual learning. Current 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 FLASH DRIVE – “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 2017 & 2018 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

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

REGISTERED PHYSICIAN IN VASCULAR INTERPRETATION – RPVI
RPVI Bundle
Includes all of the materials associated with our 2017 RPVI review seminars. You will receive: comprehensive course outline, CD containing numerous case studies, and six weeks of unlimited access to ESP’s practice question website, the X-Zone.

Now, you can efficiently and successfully earn the RPVI credential. Our goal is to multiply your investment of time and effort.

You may also attend Physics and Vascular Technology courses at one of our Physics & Specialty Weekends and obtain this RPVI material with a small fee. Contact our office for details.

Product Code: PVI, $195.

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 question bank. Visit ESP’s X-Zone on our website, www.esp-inc.com, for duration pricing and purchase information. Subjects available: Physics, Abdominal, Adult Echocardiography, Breast, Ob/Gyn, Vascular Technology and Phlebology.

Prices and availability subject to change.
ESP Ultrasound’s X-Zone, perfect ‘icing on the cake!’

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 Physics, Abdominal, Adult Echo, Ob/Gyn, Vascular, and Breast Sonography 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.

I just finished taking my exam for RPhS and I'm happy to say that I passed with flying colors. The x-zone was a huge help.

Jill Lane RPhS
Educational Products Order Form

For speedy processing, order on-line at [www.esp-inc.com](http://www.esp-inc.com)

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Signature: ____________________________ Card Code: _____________

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3) FAX: (281) 292-9430
4) MAIL – ESP Ultrasound · PO Box 7439 · Woodlands, Texas 77387-7439
   (Make checks payable to ESP Ultrasound)
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Offering AMA PRA Category 1 Credit(s)™.

This product or service is not affiliated with or endorsed by the ARDMS or CCI.