

SPRING SYMPOSIUM

PRELIMINARY PROGRAM

**GENERAL RADIOGRAPHY
COMPUTED TOMOGRAPHY**

I O W A S O C I E T Y O F

I S R T

RADIOLOGIC TECHNOLOGISTS

www.isrt.org

APRIL 13 and 14, 2012

Marriott Hotel in Coralville

GREETINGS!

Welcome – we’re glad you’ve chosen the ISRT Spring Symposium for your continuing education. You’ll find us at the beautiful Marriott Hotel. We are also having a Computed Tomography break-out session on Saturday. I think you’ll find the general program covers many modalities so there should be something for everyone! Many thanks to our Program Chairmen for putting these educational programs together. We hope you’ll enjoy them!

This is a preliminary program. Sometimes changes are unavoidable but we’ll always substitute with an approved lecture.

Please note there will be no on-site registration for the symposium again this year.

SYMPOSIUM COMMITTEE:..... Nancy Harney
nharney@southslope.net
Program Committee - General..... Tracy Kimler
Nancy Novotny
 Computed Tomography..... Anne Reisen
Nancy Harney
Tia Ten Napel

ISRT OFFICERS AND EXECUTIVE COMMITTEE
President..... Tracy Kimler
President-Elect..... Robert Cahalan
First Vice President..... Angie Portugue
Second Vice President..... Jill Schulz
Secretary..... Rosie Hanson
Executive Committee..... Barbara Tobias
Mythili Rajendran
Executive Secretary..... JoAnn Horsfield

CONTINUING EDUCATION CREDITS:
Approved as indicated by the Iowa Department of Public Health. Category A CE credit is pending approval by the ASRT. Activities approved by the IDPH or the ASRT are awarded ARRT Category A credits for satisfaction of continuing education requirements for certification renewal.

REGISTRATION REFUND REQUESTS must be made in **writing** and **received** by **April 4, 2012** to:

JoAnn Horsfield
7060 County Road D-62
Monticello, IA 52310

Refunds are subject to a \$25.00 processing fee.

FRIDAY, APRIL 13, 2012
GENERAL RADIOGRAPHY

7:30 AM Continental Breakfast

8:15 AM Welcome and Announcements

8:30 AM IMAGING IN CHIROPRACTICS

Approved **Ian McLean, DACBR**

2 GENERAL This course will review diagnostic imaging in chiropractic
NUC MED including components of digital radiography. It will also include
RAD ONC a collection of diagnostic imaging case studies.

10:30 AM Refreshment Break

10:45 AM VASCULAR SURGERY AND MODERN IMAGING

Approved **TECHNIQUES - David Lawrence, MD, FACS**

1 GENERAL

11:45 AM Lunch

12:45 PM ROLE OF IMAGING IN CHIARI MALFORMATIONS

Approved **Jay Rakus, B.A.R.T.**

1 GENERAL This program will introduce you to the types of CM
NUC MED and the symptoms of each. The importance of each imaging
RAD ONC modality in the treatment of this disease will be shown.

1:45 PM Refreshment Break

2:00 PM RADIOLOGIST ASSISTANTS AND THEIR IMPACT ON

Approved **PATIENT CARE - Tia Ten Napel, R.T. (R)(CT)(M)**

1 GENERAL

3:00 PM TREATMENT OF HIP, KNEE AND SHOULDER ARTHRITIS -

Approved **Jeffrey Nassif, MD**

1 GENERAL Dr. Nassif will include an assessment of operative and non-
operative treatment of hip, knee, and shoulder arthritis. He will
also include a radiographic review.

SATURDAY, April 14, 2012
GENERAL RADIOGRAPHY AND COMPUTED TOMOGRAPHY

7:00 AM Continental Breakfast

8:00 AM
Approved
2 GENERAL
NUC MED
RAD ONC

ERGONOMICS IN THE RADIOLOGY DEPARTMENT
Linda Carlson, M.S. R.T.
This presentation will discuss factors, such as, the work chair, workstation table, key board, mouse, etc., that have become secondary consideration in a department that has transitioned from a film-based to a PACS based environment. Optimization of workplace ergonomics should be considered in the basic design of any radiology suite.

8:00 AM
Approved
1 GENERAL

THE ROLE OF CT IN DIAGNOSING BRAIN TRAUMA
Wendy Smoker, M.D.
This presentation will review the pertinent anatomy of the scalp and brain as it relates to brain trauma. Various skull fractures and blood in the extra-axial, intraventricular, subarachnoid and intracerebral compartments will be shown and discussed. The various sequelae of these, such as brain herniations, strokes, and vascular injury, will also be covered.

9:00 AM

ERGONOMICS IN THE RADIOLOGY DEPARTMENT - continues

9:00 AM
Approved
1 GENERAL

THE ROLE OF CT IN DIAGNOSING CERVICAL SPINE TRAUMA- Wendy Smoker, M.D., FACR
Normal anatomy of the spine and important osseous relationships will first be reviewed in this presentation. The most common upper (AA dislocation, Jefferson, Hangman, odontoid) and lower (anterior subluxation, unilateral and bilateral facet dislocation, teardrop) fractures will be reviewed and their mechanism of injury discussed. Finally, some of the complications of C-spine trauma will be presented.

10:00 AM Refreshment Break

10:15 AM
Approved
1 GENERAL
NUC MED
RAD ONC

WORKPLACE FATIGUE – Can You Recognize the Warnings?- Michelle Manternach, CRTT, RPST, R.EEG.T
Ever wonder what could be making you so tired at work? Maybe it's not just being overworked. Maybe it's what you do on your off hours, too!

10:15 AM
Approved
1 GENERAL

DOSE ISSUES IN CT
Scott Goldsworthy
Sponsored by GE Healthcare

11:15 AM
Approved
1 GENERAL
NUC MED
RAD ONC

SLEEP: Why We Need It
Michelle Manternach, CRTT, RPST, R.EEG.T
Ever wonder why you are so tired at work and how to survive your shift? Michelle will guide you through common problems working shift hours and how it affects the body rhythms. She will talk about adverse effects on your health, factors that influence shift work and the consequences. She'll include the duration and types of sleep along with helpful tips for survival.

11:15 AM
Approved
1 GENERAL

INNOVATIONS IN CT TECHNOLOGY
Richard Brandenburg. R.T. (R)(CT)
Sponsored by SIEMENS HEALTHCARE
This presentation discusses the importance of radiation reduction in CT to include adult and pediatric imaging. We'll discuss ways to reduce dose in cardiac scanning to oncology exams. The latest advancements of scanning protocols and ways to assist the technologist in reducing dose while maintaining image quality will be included. We'll cover iterative reconstruction versus filtered back projection.

12:15 PM **Lunch**

1:00 PM
Approved
2 GENERAL
NUC MED
RAD ONC

THE TRUTH ABOUT RADIATION
Jody Bell, R.T. (R)
We'll start with a discussion of the discovery of x-ray, various uses of x-ray and the history of radiation safety. This presentation will also define the radiation and discuss various safety concerns. Present uses of x-ray will be discussed as well as many concerns in the media associated with non EM radiation.

1:00 PM
Approved
1 GENERAL

BACK PAIN: Use of CT in Diagnosis and Imaging –Guided Treatment – D. Lee Bennett, MD

2:00 PM **THE TRUTH ABOUT RADIATION**
continues

2:00 PM
Approved
1 GENERAL

CT - TO BE ANNOUNCED
Please go to ISRT.org for updates

2:50 PM **Conference Ends**

Please bring your Permit to Practice number with you as you may choose to use that as an alternative to your social security number on the sign-in sheet.

DATES TO REMEMBER
ISRT Annual Meeting

September 21 and 22, 2012, Isle Casino and Hotel, Waterloo

ISRT SPRING SYMPOSIUM

April 12 and 13, 2013 The Hotel at Kirkwood, Cedar Rapids

FACULTY

Jody Bell, R.T. (R)

Instructor - Palmer College of Chiropractic
Davenport

Wendy Smoker, MD

Professor of Radiology (Neuroradiologist)
University of Iowa Health Care

D. Lee Bennett, M.D.

Clinical Associate Professor of Radiology
(Orthopaedic Radiologist)
University of Iowa Health Care

Tia TenNapel, R.T. (R)(CT)(M)

Lakes Regional Healthcare
Spirit Lake

Richard Brandenburg, R.T.(R). (CT)

CT Clinical Solutions
Siemens Healthcare

Scott Goldsworthy

Specialist GE Healthcare
Applications Specialist

Linda Carlson, M.S.R.T.

Program Coordinator Palmer College of Chiropractic
Davenport

David Lawrence, MD

Physician's Clinic of Iowa, PC –Surgical Specialist
Cedar Rapids

Michelle Manternach, CRTT,RPST,R.EEG.T

Sleep Technologist
Sleep Disorder Clinic – Genesis Medical Center

Ian McLean, DACBR

Instructor - Palmer College of Chiropractic
Davenport

Jeffrey Nassif, MD

Orthopaedics – Physicians' Clinic of Iowa
Cedar Rapids

Jay Rakus, B.A. R.T.(R)

Clinical Instructor – Scott Community College
Bettendorf



Name
Email address
Password
Sex
and Birthdate

That's all it takes! THE ISRT IS NOW ON FACEBOOK

Join Facebook for Information updates!

Joining is easy, and fun!

Go to www.facebook.com

They will ask you for some information,

Once a member, you can search for Iowa Society of Radiologic Technologists and become a friend.

This allows you to see the information on the site and any updates that get put on there. *The ISRT will use Facebook when we need to reach you in a hurry.*

Come join us!

Marriott Hotel- Coralville
HOTEL INFORMATION

A block of rooms is being reserved by the Marriott for the Iowa Society of Radiologic Technologists. Please contact the hotel DIRECTLY at **319- 688-4000**. Please mention the ISRT when making reservations by telephone.

\$ 106 PARKING INCLUDED

TO MAKE YOUR RESERVATION:

Marriott Hotel
300 East 9th Street
Coralville, IA 52241
319- 688-4000

OR

USE THE LINK BELOW FROM
www.isrt.org

You will be directed to the property's home page **with the rate code already entered** in the appropriate field. All you need to do is enter your arrival date to begin the reservation process.

<http://www.marriott.com/hotels/travel/cidic?groupCode=isrisra&app=resvlink&fromDate=4/12/12&toDate=4/14/12>

Please reserve as EARLY as possible
prior to MARCH 22.

REGISTRATION FORM

SPRING SYMPOSIUM, April 13 and 14, 2012 Marriott in Coralville

REGISTRATION FEES include continental breakfasts, lunch and breaks on the day/s you are registered. **Make check or money order payable to THE IOWA SOCIETY OF RADIOLOGIC TECHNOLOGISTS.**

Return registration fee and form to:

**Angie Portugue
2605 Cedar St
Davenport, IA 52804**

If you would like to register online please go to www.isrt.org and follow the link to our new secure meeting registration. For questions regarding online registration contact: portuguea@genesishhealth.com

FEE MUST ACCOMPANY YOUR REGISTRATION. IN ORDER TO ATTEND AND RECEIVE CONTINUING EDUCATION CREDIT FOR THE CONFERENCE YOU MUST BE PROPERLY REGISTERED. *THIS MEANS QUESTIONS CONCERNING MEMBERSHIP STATUS MUST BE RESOLVED AND ALL CONFERENCE FEES MUST BE PAID.*

Preregistration by APRIL 4, 2012

	ISRT Member	Non-Member
() Friday Only	\$ 80.00	\$120.00
() Saturday Only	\$ 80.00	\$120.00
() Friday & Saturday	\$140.00	\$240.00
TOTAL \$		

Please indicate your MAIN area of interest:
SATURDAY: ___/ ___/ ___ **General** ___/ ___/ ___ **Computed Tomography**

**YOU MUST PRE-REGISTER.
THERE WILL BE NO ON-SITE REGISTRATION**

Please PRINT clearly:

NAME _____

ADDRESS _____

TELEPHONE _____

EMAIL ADDRESS _____

