CSRT INC.
THE CONNECTICUT SOCIETY OF RADIOLOGIC TECHNOLOGISTS

82nd

Annual Conference

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Oct 4-5, 2024

Quinnipiac University

Friday, October 4, 2024

Virtual Schedule

5.30PM - 5.40PM

Welcome & Opening Remarks

5.45PM - 6.35PM

Rhonda Weaver, EdD, RT(R)(M)(BD)(CT)

Image Gently, Image Wisely: Protecting Your Patient in Computed Tomography

2024 Keynote Lecturer

6.45PM - 8.15PM

Randy Griswold, M.P.A., R.T.(R) (ARRT)

A New Paradigm for Assessing Digital Image Quality

8.25PM - 9.15PM

Kristin Beinschroth, PhD, R.T.(R)(ARRT) CHES

Radiology Revealed: Unlocking Forensic Clues Through Advanced Imaging Techniques

*Category A/A+ CE credit approval by the ASRT

Session Descriptions

FRIDAY, OCTOBER 4, 2024

DR. RHONDA WEAVER	**IMAGE GENTLY, IMAGE WISELY: PROTECTING YOUR PATIENT IN COMPUTED TOMOGRAPHY** This lecture will provide a general overview of radiation exposure concerns related to CT imaging. A review of dosimetry and adverse effects related to exposure to ionizing radiation will provide insight into the concern related to CT dose. The role of the CT technologist related to methods of dose reduction and patient protection in CT imaging will be discussed.
RANDY GRISWOLD	**A NEW PARADIGM FOR ASSESSING DIGITAL IMAGE QUALITY** The production of digital radiographic images is a complex process that is simplified by the technology working “behind the scenes” making it happen. Images produced are more consistent in appearance and yet the technologist still must make a subjective determination as to image acceptability. This session will suggest benchmarks for evaluating digital image quality that are clinically oriented and related to observable image features, much like a radiologist.
DR. KRISTIN BEINSCHROTH	**RADIOLOGY REVEALED: UNLOCKING FORENSIC CLUES THROUGH ADVANCED IMAGING TECHNIQUES** Forensic Radiology is a field of medical imaging that provides valuable service to the community via data-driven techniques in imaging science. The interprofessional aspects of this subspecialty differ from those required of traditional radiology, and thus invoke collaboration with other professionals outside of the healthcare field. In working with law enforcement, pathologists, and anthropologists, various medical imaging modalities afford the examiners the opportunity to examine people and remains in order to gain more information about their condition. Through the use of virtual autopsy, remains can be examined without the need for invasive techniques, providing a non-invasive alternative to traditional autopsy. Textbook authors and the ASRT now recognize Forensic Radiography as an educational pathway and a specialized training area. This new and topical subject is essential for educators and very interesting to educators, technologists, and students alike.

Saturday, October 5, 2024

Schedule

08.00AM - 08.30AM

Registration and Vendor Time

Start your day by registering for the conference, collecting your materials. Enjoy coffee and pastries while networking with our vendors and other professionals.

08.45AM - 09.00AM

Opening Remarks

CSRT President, Jay Hicks, EdD, R.T.(R)(ARRT) kicks off Day 2 of our conference with a welcome to dignitaries, board, vendors, and members.

09.00AM - 09.50AM

Wesley Shay, M.H.S., R.R.A., R.T.(R)(ARRT)

A Day in the Life of a Radiologist Assistant in the IR Suite

10.00AM - 10.50AM

Aditya Tadinada, D.D.S., M.Dent.Sci.

What is Cone Beam CT and What are the Clinical Applications of this Technology

Vendor Break

11.15AM - 12.05PM

Matthew Parente, M.S., PT, CPO, FAAOP(D)
Stephen Charry, M.S.P.O., CPO

Radiographic Examination: Guiding Orthotic and Prosthetic Patient Care

12.10PM - 1.20PM

Lunch then Business Meeting

1.25PM - 2.15PM

Alison Hermance-Moore, B.S., R.T. (R)(CT)(ARRT)

CT and 3-D Printing

2.35PM - 3.25PM

Ameena Elahi, MPA, R.T.(R)(ARRT), CIIP

From Pixels to Protocols: Educating Techs in the Essentials of Imaging Informatics

Installation of Officers

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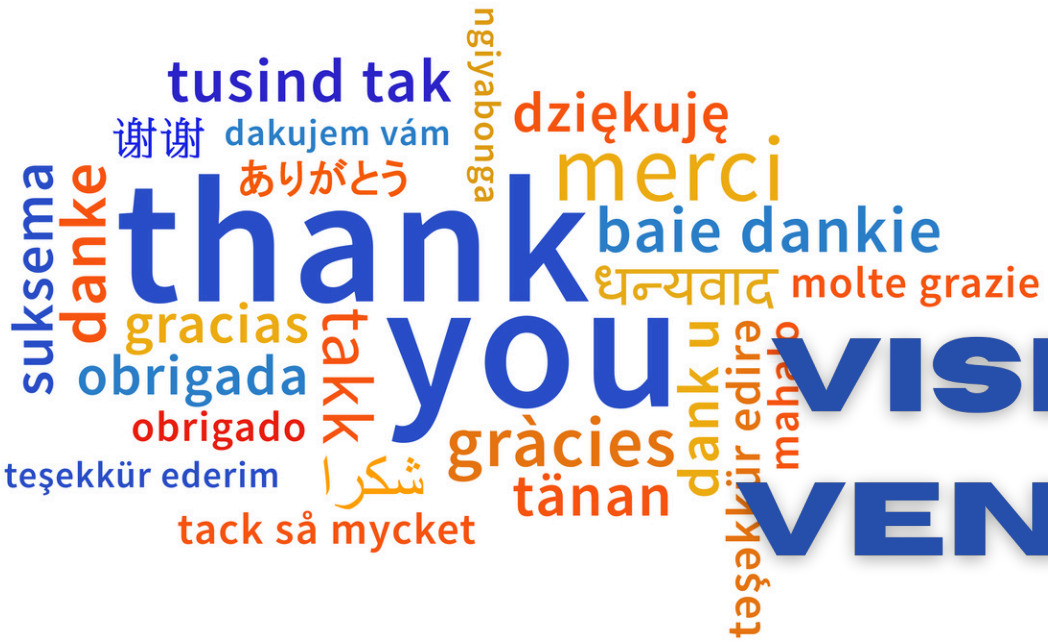
Session Descriptions

SATURDAY, OCTOBER 5TH

WESLEY SHAY	**A DAY IN THE LIFE OF A RADIOLOGIST ASSISTANT IN THE IR SUITE** This presentation will assist participants in the ability to discuss the utilization of the R.R.A. in all aspects of Radiology; and specifically allow the analysis of an interventional radiology case from the vantage of the R.R.A. Educational background will be discussed while dispelling rumors of the profession.
DR. ADITYA TADINADA	**WHAT IS CONE-BEAM CT: WHAT ARE THE CLINICAL APPLICATIONS?** In this talk, I will discuss this relatively new technology called Cone Beam CT (CBCT)that is gaining significant popularity in medicine and dentistry. This technology offers 3-D imaging solutions for a significantly lower radiation dose. Clinical applications of CBCT will be discussed with examples and clinical scenarios.
MATTHEW PARENTE STEPHEN CHARRY	**RADIOGRAPHIC EXAMINATION: GUIDING ORTHOTIC AND PROSTHETIC PATIENT CARE** This presentation will explore the crucial role of radiographic examination in the field of orthotics and prosthetics, with a focus on pediatric oncology, residual limb examination, and scoliosis presentation. By integrating patient, device, and radiography-centric perspectives, this lecture aims to enhance the understanding of how radiographic imaging can inform diagnosis, treatment planning, and patient outcomes.
ALISON HERMANCE-MOORE	**COMPUTED TOMOGRAPHY AND 3D PRINTING** At the end of this presentation, the participant will be able to: • Gain a baseline understanding of how computed tomography data is used for 3D modeling; • Explore the current relationship between 3D printing and medicine, specifically for implants and devices, including the pros and cons of personalized medicine • Briefly discuss how CT scans and 3D printing are being used non-medical applications, and how this affects public perception of the modality • Discuss upcoming innovations in this area, including the integration of bio-printing and the possibilities for world-altering technologies in the not-so-distant future centered on Computed Tomography
AMEENA ELAHI	**FROM PIXELS TO PROTOCOLS: EDUCATING TECHS IN THE ESSENTIALS OF IMAGING INFORMATICS** A review of the field of imaging informatics and its critical role in modern radiology. Despite its growing importance, many radiologic technologists remain unaware of how to enter this niche area, often viewing it as a well-kept secret. This session aims to bridge that gap by providing practical insights into the essential skills of imaging informatics. Discover how these skills can enhance daily work, improve workflow efficiency, elevate patient care, and unlock the potential of imaging informatics, and learn how to integrate these valuable techniques into your practice.



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