



18TH ANNUAL STANFORD COMPUTED TOMOGRAPHY WORKSHOP JULY 10, 2021

COURSE DESCRIPTION

The Stanford CT Workshop has a Dual Focus: The first focus is creating a comprehensive full day educational event dedicated to enhancing the clinical skills and outlining CT Imaging best practices for dedicated CT technologists as well as technologists and multi-disciplinary team members within our organization that use CT imaging (Such as nuclear medicine technologists who perform PETCT, radiation therapists who use CT devices for radiotherapy planning and nurses who care for patients undergoing CT scans).

The second focus is to perform on-boarding for the incoming radiology fellows and residents. They learn about the legal aspects of radiation dose reporting, as well as learn how the CT systems are being utilized to in our daily operations. Finally, this is a great way for them to interact with the technologists and begin to cultivate a relationship as we team up to deliver patient care in our organization.

****This will be a live virtual event.**

For the session, you will need a computer and internet access to view the meeting. Instructions on how to login will be emailed upon registration.

OBJECTIVES

- Discuss how the CT systems are being utilized in daily operations.
- Explain safety features incorporated into the CT scanners and how to lower dose to the patient.
- Explain all roles as part of the care team during an emergency.
- Analysis of how to protocol correctly.
- Display the benefits of dual energy CT.
- Importance of a true axial reformat in Neuro Radiology.
- Describe best practices used to care for ECMO patients having CT scans.
- Recognize scanning parameters based on each valve of the heart.
- Discuss the future of CT Photon Counting.
- Identify the benefits of Heart Flow FFR application/software.
- Explain the benefit of CT Myocardial Perfusion Imaging in terms of anatomy and physiology.

AGENDA

Start Time	Duration	Lecture Title	Speaker(s)
8:00 AM-8:30AM	0:30	Introduction to the CT Imaging program at Stanford Health Care, Imaging Capabilities, and Locations	Monglan Duong, RT and Ted Iovino, RT
8:30 AM-9:30 AM	1:00	CT Dose Basics, Dose Reduction, Dose Reporting	Jia Wang, PhD and Dominik Fleischmann, MD
9:30 AM-10:00 AM	0:30	CT Protocolling	Jody Shen, MD
10:00 AM-10:15 AM	0:15	Coffee Break	
10:15 AM-11:15 AM	1:00	ECMO: What the Radiologist and Technologist Need to Know	Jody Shen, MD
11:15 AM-12:15 PM	1:00	CT Nursing Basics and Emergency Drills	Victor Benlice, R.N. and Monica Moore, R.N.
12:15 PM-13:00 PM	0:45	Lunch Break (45 Minutes)	
13:00 PM-13:30 PM	0:30	What's new in Neuro CT	Raag Airan, MD PhD
13:30 PM-14:00 PM	0:30	Dual Energy CT in Body Imaging Practice	Lior Molvin MBA, RT,(R),(CT)
14:00 PM-14:30 PM	0:30	The Future: Photon Counting CT	Martin Willeminck, MD, PhD, and Dominik Fleischmann, MD
14:30 PM-14:45 PM	0:15	Coffee Break	
14:45 PM-15:15 PM	0:30	FFR-CT: Why, How, Workflow, and Implementation	Koen Nieman, MD and Dominik Fleischmann, MD
15:15 PM-15:45 PM	0:30	Cardiac Perfusion: Rationale, Scanning, and Nursing Protocol	Koen Nieman, MD PhD and Ted Iovino, RT
15:45 PM-16:45 PM	1:00	Valvular Heart Disease: Clinical Indications, CT Protocols and Postprocessing	Brian Pogatchnik, MD and Kristy Bogart, RT
16:45 PM-17:00 PM	0:15	Q/A (15 min)	
END 17:00			

CREDITS

ASRT Category A: 8.75 credits

ANCC: 7.5 contact hours

CA BRN: 7.5 contact hours

REGISTRATION

Registration Fee: \$25.00

For More Information and to Register:

<https://stanfordhealthcare.cloud-cme.com/ctworkshop2021>

Accreditation

1. Approved by the ASRT for Category A continuing education credit
2. Stanford Health Care is provider approved by the California Board of Registered Nursing (BRN). Provider Number CEP12165.
3. Stanford Health Care Center for Education and Professional Development is accredited as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation.

*Neither SHC nor ANCC endorse any commercial product



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