

UCSF Everything You Need to Know About CT: Maximizing Quality and Safety

Thursday – Saturday, September 7-9, 2023

LIVE STREAM COURSE

Times shown in Pacific Standard Time

THURSDAY, SEPTEMBER 7, 2023

Time	Length	Title	Speaker
7:25 AM	25	Meet the Professors: Dr. Matthew Zygmont	Dr. Matthew Zygmont
7:50	10	Welcome and Introduction	Dr. Rebecca Smith-Bindman
Best Practices of Organizations that Optimize Dose			
8:00	0:45	Radiation From Medical Imaging: A Hidden Epidemic	Dr. Rebecca Smith-Bindman
8:45	0:45	CT Dose Management – It Takes a Village	Dr. Pavlina Pike
9:30	1:00	Quality Improvement Approach for Compliance and Dose Management	Dr. Matthew Zygmont
10:30	0:10	<i>Break</i>	
10:40	0:45	Radiation Risk Estimation, and Radiation Concerns in Frequent Flyer Patients: Can Imaging History Influence Decisions About Recurrent Imaging?	Dr. Aaron Sodickson
11:25	0:45	Best Practices of Organizations with Optimized Doses	Dr. Rebecca Smith-Bindman
12:10 PM	0:45	Strategies for Dose Optimization: Views from Health Care System	Dr. Rebecca Smith-Bindman
12:55	0:35	<i>Lunch Break</i>	
1:30	0:45	Neuroimaging talk – title TBD	Dr. Amanda Baker
2:15	0:45	Joint Commission: Perspectives on Radiation Dose and Radiology	Dr. Andrea Browne
3:00	0:10	<i>Break</i>	
3:10	0:30	The Use of Multiple Phase Scanning: Do Less	Dr. Rebecca Smith-Bindman
3:40	0:45	NQF Pediatric Measure	Paige Lipscomb
4:25	0:25	Meet the Professors: Dr. Pavlina Pike	Dr. Pavlina Pike
4:50 PM		<i>Adjourn</i>	

FRIDAY, SEPTEMBER 8, 2023

Key Concepts in Dose Management / Dose Reduction: Optimizing Protocols & Considerations

7:35 AM	0:25	Meet the Professors: Dr. Aaron Sodickson	Dr. Aaron Sodickson
8:00	0:45	Artificial Intelligence, Radiation and CT Image Quality	Dr. Eliot Siegel
8:45	0:45	How to Make Your Scanner Sing: Protocol Optimization for High Quality at Low Dose	Dr. Aaron Sodickson
9:30	0:45	Dual Energy CT: How it Works and How it Adds Clinical Value	Dr. Aaron Sodickson
10:15	0:10	<i>Break</i>	
10:25	0:25	Optimizing Doses for Abdomen Imaging: Urograms, Stones, Trauma, Pain	Dr. Avinash Kambadakone
10:50	0:45	Focus on Patients Who Receive Particularly High Doses Over Time	Dr. Madan Rehani
11:35	0:25	Abdominal CT Guidance Procedures – Tricks of the Trade for Reducing Dose	Dr. Ramit Lamba
12:00 PM	0:30	<i>Lunch Break</i>	

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FRIDAY, SEPTEMBER 8, 2023 (continued)

Pregnant Patients, Children, and Case-based Learning

12:30 PM	0:45	Practical Dose Optimization in Children	Dr. Samuel Brady
1:15	0:25	Dose Optimization and Appropriate Imaging in Non-Gynecologic Acute Abdomen in Pregnancy	Dr. Ramit Lamba
1:40	0:40	Strategies for Optimizing CT Doses in Pregnant Patients	Dr. Mannudeep Kalra
2:20	0:10	<i>Break</i>	
2:30	0:45	How To Tailor Doses for Small/Large, Pregnant, and Child Patients	Dr. Tim Szczykutowicz
3:15	1:00	Case-based Learning: Improving Quality and Reducing Dose	Dr. Mannudeep Kalra
4:15	0:25	Meet the Professors: Dr. Madan Rehani	Dr. Madan Rehani
4:40 PM		<i>Adjourn</i>	

SATURDAY, SEPTEMBER 9, 2023

Patient Communication and the Role of Technologist

7:35 AM	0:25	Meet the Professors: Dr. Mannudeep Kalra & Collaborators	Dr. Mannudeep Kalra & Collaborators
8:00	0:45	Risk of Cancer from Medical Imaging	Dr. Amy Berrington de González
8:45	0:45	Why radiation dose is important to patients: Perspectives of an adult survivor of pediatric cancer and a public health professional	Dawn Ritzwoller
9:30	0:10	<i>Break</i>	
9:40	0:45	Communicating the Radiation Risk of CT Imaging	Dr. Jeffery Shyu
10:25	0:45	Strategies for Managing a Large CT Department: Communication and Standard Work	Dr. Phuong-Anh Duong
11:10	0:45	Strategies for Improving Radiologist-Technologist Communication	Dr. Phuong-Anh Duong
11:55	0:30	<i>Lunch Break</i>	

Following Best Practices

12:25 PM	0:45	Key Concepts in Radiation Dose Management in CT	Dr. Tim Szczykutowicz
1:10	0:25	Assigning Patients to Protocols: How We Do It	Dr. Ramit Lamba
1:35	0:45	Concrete Strategies I Can Take as a Technologist to Ensure I am Using the Lowest Dose Techniques	Dr. Tim Szczykutowicz
2:20	0:25	Routine Abdomen CT: How Often are Dose Optimization Approaches Followed?	Dr. Rebecca Smith-Bindman
2:45	0:10	<i>Break</i>	
2:55	0:45	Radiation from PET-CT: Where are We as a Field?	Dr. Benjamin Lewis Franc
3:40	0:45	How AI Helps in CT Protocol and Dose Optimization	Dr. Mannudeep Kalra
4:25	0:45	Practical Approaches to Monitoring and Optimization of Patient Dose in CT	Dr. Pavlina Pike
5:10	0:25	Meet the Professors: Dr. Tim Szczykutowicz	Dr. Tim Szczykutowicz
5:35 PM		<i>Adjourn</i>	