

Patient Dose Monitoring in CT with Tube Current Modulation and Multiple Series

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Tuesday 1:45 PM - 3:45 PM

TU-HI-221CD-0

Course title may seem familiar

But it can be challenging at times:

- ❖ Majority of CT exams with tube current modulation
- ❖ 30% of exams with multiple series in ambulatory CT room, *from survey of 1352 body CT exams*
- ❖ All procedures with multiple series in CT perfusion, CT-guided interventional procedures

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To move forward

Five speakers to cover:

- ❖ Dose spread function in CT
- ❖ Dose equations for TCM and interpretation of its reported $CTDI_{vol}$
- ❖ Implication/practice in CT protocol management: tube current modulation and multiple series
- ❖ Data driven CT dose monitoring and protocol management
- ❖ Exam-level dose monitoring in CT: quality metric consideration for multiple series acquisitions

Each presentation 22 minutes

All questions: leave for the end

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From headquarters

No recording or photography in the presentation

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After the session

Check out the SAM questions

May be fun or challenging to get the answer right

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