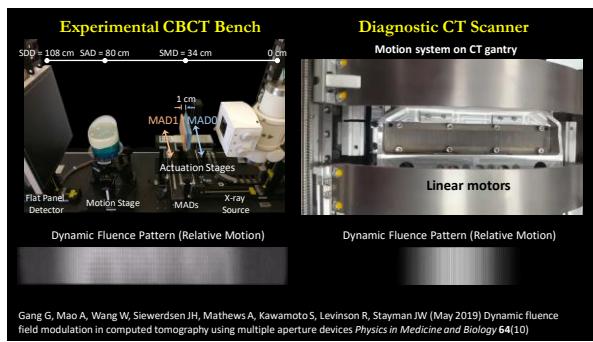
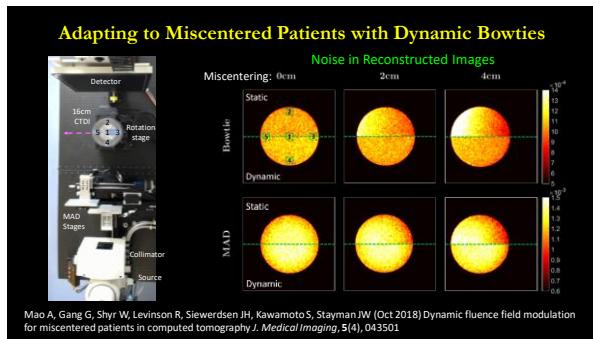


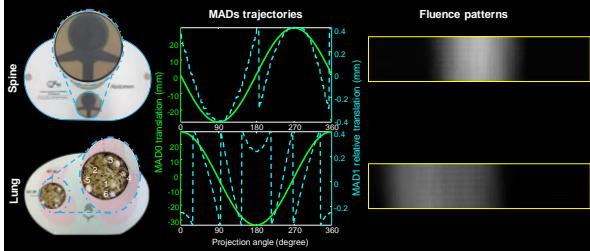
Gang G, Mao A, Wang W, Siewersden JH, Mathews A, Kawamoto S, Levinson R, Stayman JW (May 2019) Dynamic fluence field modulation in computed tomography using multiple aperture devices *Physics in Medicine and Biology* 64(10)



Gang G, Mao A, Wang W, Siewersden JH, Mathews A, Kawamoto S, Levinson R, Stayman JW (May 2019) Dynamic fluence field modulation in computed tomography using multiple aperture devices *Physics in Medicine and Biology* 64(10)

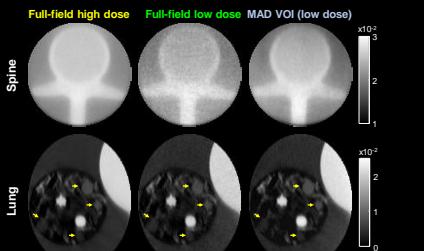


MAD-based Volume of Interest Imaging



Wang W, Gang G, Siewerdsen JH, Levinson R, Kawamoto S, Stayman JW (2019) Volume-of-interest Imaging with Dynamic Fluence Modulation Using Multiple Aperture Devices. *J. Medical Imaging*, in review.

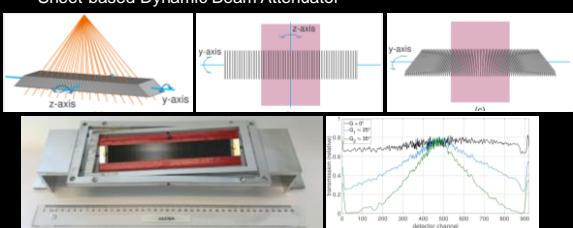
MAD-VOI Reconstructions



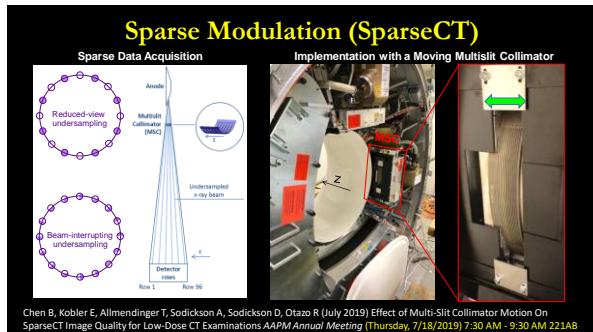
Wang W, Gang G, Siewerdsen JH, Levinson R, Kawamoto S, Stayman JW (2019) Volume-of-interest Imaging with Dynamic Fluence Modulation Using Multiple Aperture Devices. *J. Medical Imaging*, in review.

Other Dynamic Bowtie Options

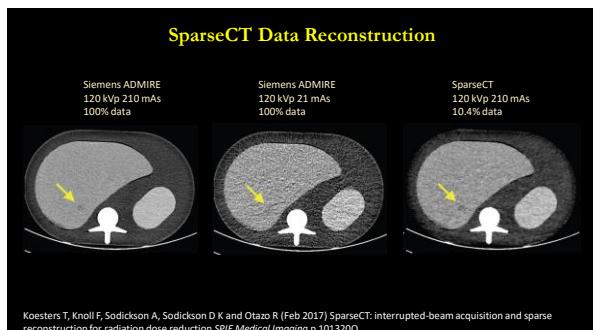
Sheet-based Dynamic Beam Attenuator



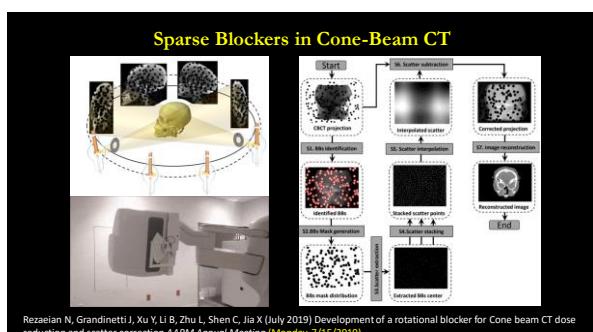
Huck S, Fung G, Parodi K, Stierstorfer K (2019) Sheet-based dynamic beam attenuator – A novel concept for dynamic fluence field modulation in X-ray CT. *Medical Physics*, in press.



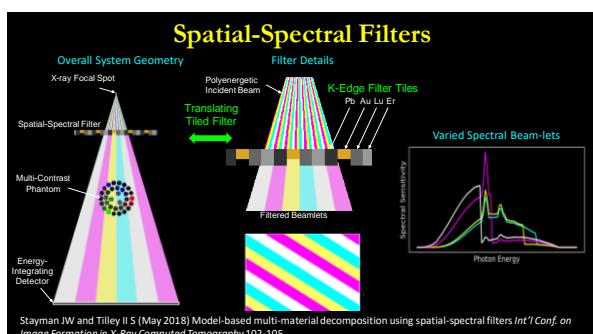
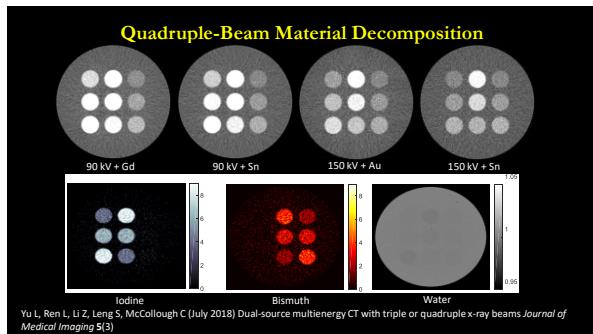
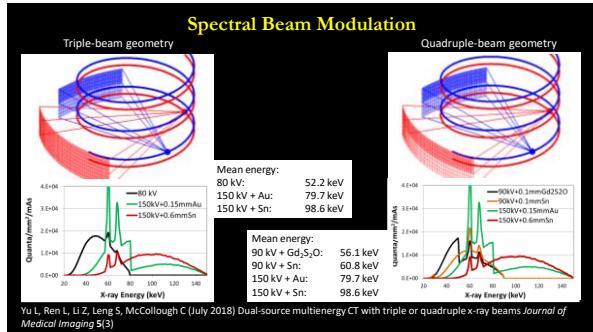
Chen B, Kohler E, Allmendinger T, Sodickson A, Sodickson D, Otezo R (July 2019) Effect of Multi-Slit Collimator Motion On SparseCT Image Quality for low-Dose CT Examinations AAPM Annual Meeting (Thursday, 7/18/2019) 7:30 AM - 9:30 AM 221AB

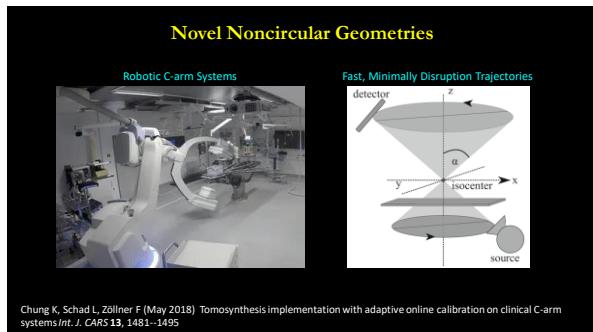
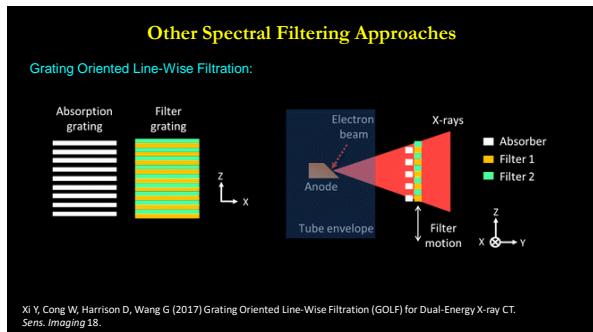
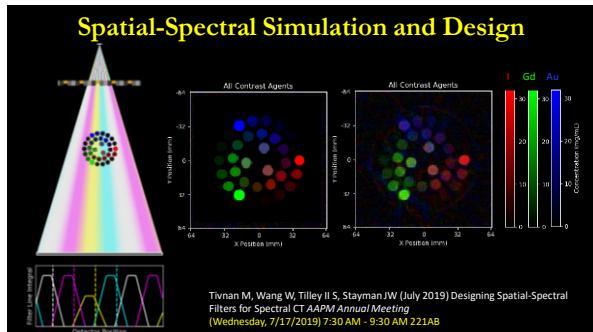


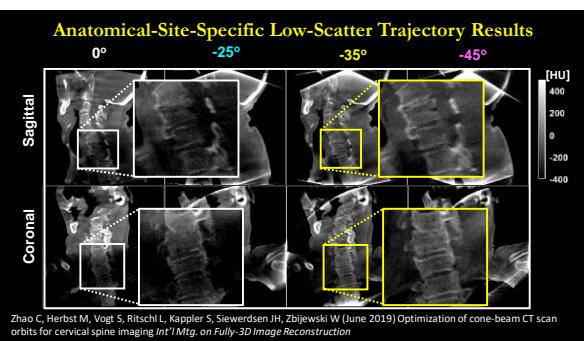
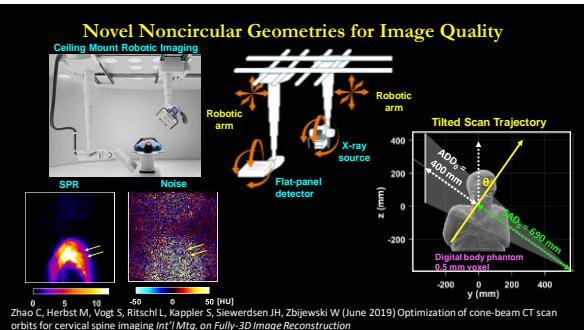
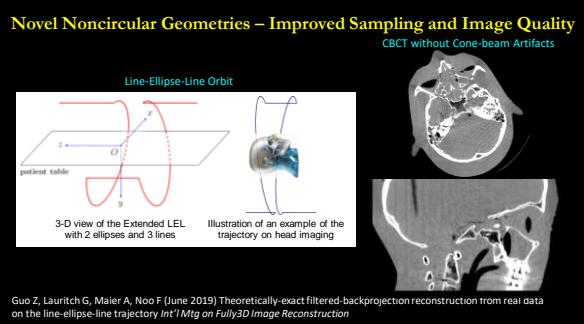
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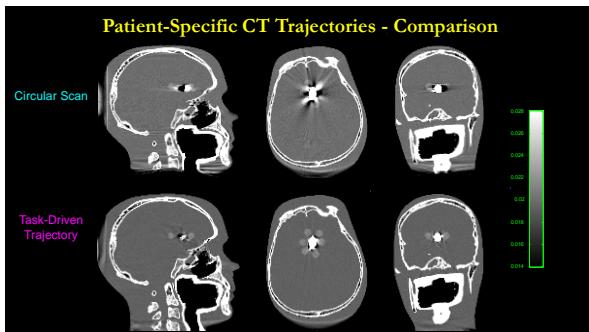
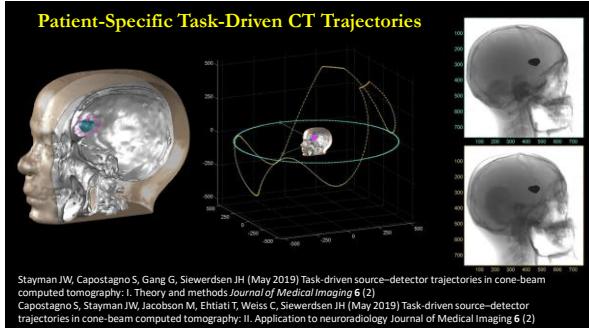


Rezaian N, Grandinetti J, Xu Y, Li B, Zhu L, Shen C, Jia X (July 2019) Development of a rotational blocker for Cone beam CT dose reduction and scatter correction AAPM Annual Meeting (Monday, 7/15/2019)









Dynamic Beam Modulation	
Piecewise-linear	(Shunhavanich <i>et al</i> 2019) (Hsieh <i>et al</i> 2013)
Multiple Apertures	(Gang <i>et al</i> 2019) (Mao <i>et al</i> 2018)
Sheet-based	(Wang <i>et al</i> 2019) (Huck <i>et al</i> 2019)
Sparse Data	
Multislit Collimator	(Chen <i>et al</i> 2019) (Thursday, 7/18/2019) 7:30 AM - 9:30 AM 221AB
Random Blockers	(Koesters <i>et al</i> 2017)
Spectral Modulation	(Rezaeian <i>et al</i> 2019) (Monday, 7/15/2019)
Triple/Quad-Beam	(Yu <i>et al</i> 2018)
Spatial-Spectral	(Stayman <i>et al</i> 2018)
GOLF	(Tiwari <i>et al</i> 2019) (Wednesday, 7/17/2019) 7:30 AM - 9:30 AM 221AB (Xi <i>et al</i> 2017)
Non-circular Trajectories	
Fast Tomo	(Chung <i>et al</i> 2018)
Complete Data	(Guo <i>et al</i> 2019)
Low Scatter	(Zhao <i>et al</i> 2019)
Task-Driven	(Stayman <i>et al</i> 2019) (Campostagno <i>et al</i> 2019)

Thank You
& References

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