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Clinical papers

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PCI/CA: Bracken, J.A., et al., A Radiation Dose Reduction Technology to Improve Patient Safety During Cardiac Catheterization Interventions. *J Interv Cardiol*, 2015. **28**(5): p. 493-7.
Busse, T., J. Reifart, and N. Reifart, Influence of novel X-ray imaging technology on radiation exposure during chronic total occlusion procedures. *Catheter Cardiovasc Interv*, 2018. **92**(7): p. 1268-1273.

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PCI/CA: ten Cate, T., et al., Novel X-ray image noise reduction technology reduces patient radiation dose while maintaining image quality in coronary angiography. *Netherlands Heart Journal*, 2015. **23**(11): p. 525-530.

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CHD/SHD: Sullivan, P.M., et al., Reduction in Radiation Dose in a Pediatric Cardiac Catheterization Lab Using the Philips AlluraClarity X-ray System. *Pediatric Cardiology*, 2017. 38(8): p. 1583-1591.

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Electrophysiology: Dekker, L.R., et al., New image processing and noise reduction technology allows reduction of radiation exposure in complex electrophysiologic interventions while maintaining optimal image quality: a randomized clinical trial. *Heart Rhythm*, 2013. 10(11): p. 1678-82.

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Electrophysiology: van Dijk, J.D., et al., Impact of new X-ray technology on patient dose in pacemaker and implantable cardioverter defibrillator (ICD) implantations. *J Interv Card Electrophysiol*, 2017. 48(1): p. 105-110.

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