

# High-Pitch, Low-Voltage and Low-Iodine-Concentration Assessment of Image Quality and Radiation Dose with I

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Coronary CT Angiography in Heavily Calcified Coronary Arteries. <i>Medicine (United States)</i> , 2015, 94, e2148.	0.4	24
2	Indirect CT Venography at 80 kVp with Sinogram-Affirmed Iterative Reconstruction Compared to 120 kVp with Filtered Back Projection: Assessment of Image Quality and Radiation Dose. <i>PLoS ONE</i> , 2016, 11, e0163416.	1.1	5
3	Iodine Concentration and Optimization in Computed Tomography Angiography. <i>Investigative Radiology</i> , 2016, 51, 816-822.	3.5	40
4	Effect of automated tube voltage selection, integrated circuit detector and advanced iterative reconstruction on radiation dose and image quality of 3rd generation dual-source aortic CT angiography: An intra-individual comparison. <i>European Journal of Radiology</i> , 2016, 85, 972-978.	1.2	25
5	Recommendations for accurate CT diagnosis of suspected acute aortic syndrome (AAS) on behalf of the British Society of Cardiovascular Imaging (BSCI)/British Society of Cardiovascular CT (BSCCT). <i>British Journal of Radiology</i> , 2016, 89, 20150705.	1.0	51
6	Computed Tomographic Angiography of the Abdominal Aorta. <i>Radiologic Clinics of North America</i> , 2016, 54, 35-54.	0.9	14
7	Diagnostic performance and radiation dose of lower extremity CT angiography using a 128-slice dual source CT at 80 kVp and high pitch. <i>Acta Radiologica</i> , 2016, 57, 822-828.	0.5	9
8	Iterative reconstruction in single-source dual-energy CT angiography: feasibility of low and ultra-low volume contrast medium protocols. <i>British Journal of Radiology</i> , 2017, 90, 20160506.	1.0	10
9	Intravascular contrast agents in diagnostic applications: Use of red blood cells to improve the lifespan and efficacy of blood pool contrast agents. <i>Nano Research</i> , 2017, 10, 731-766.	5.8	13
10	Whole-Body High-Pitch CT Angiography: Strategies to Reduce Radiation Dose and Contrast Volume. <i>American Journal of Roentgenology</i> , 2017, 209, 1396-1403.	1.0	6
11	Use of pulmonary CT angiography with low tube voltage and low-iodine-concentration contrast agent to diagnose pulmonary embolism. <i>Scientific Reports</i> , 2017, 7, 12741.	1.6	8
12	CT-angiography of the aorta in patients with Marfan disease - High-pitch MDCT at different levels of tube voltage combined with Sinogram Affirmed Iterative Reconstruction. <i>Clinical Imaging</i> , 2018, 51, 123-132.	0.8	10
13	Low Tube Voltage and Iterative Model Reconstruction in Follow-up CT Angiography After Thoracic Endovascular Aortic Repair. <i>Academic Radiology</i> , 2018, 25, 494-501.	1.3	12
14	Hybrid ECG-gated versus non-gated 512-slice CT angiography of the aorta and coronary artery: image quality and effect of a motion correction algorithm. <i>Acta Radiologica</i> , 2018, 59, 170-179.	0.5	1
15	Diagnostic value of iterative reconstruction algorithm in low kV CT angiography (CTA) with low contrast medium volume for transcatheter aortic valve implantation (TAVI) planning: image quality and radiation dose exposure. <i>British Journal of Radiology</i> , 2018, 91, 20170802.	1.0	22
16	Optimization of Computed Tomography Angiography Protocols for Follow-Up Type B Aortic Dissection Patients by Using 3D Printed Model. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6844.	1.3	8
17	Dual Energy CT Angiography of Peripheral Arterial Disease: Feasibility of Using Lower Contrast Medium Volume. <i>PLoS ONE</i> , 2015, 10, e0139275.	1.1	29
18	Optimization of Scan and Reconstruction Parameters for Renal Artery CT Angiography with Iterative Reconstruction at Low kVp Compared with Filtered Back Projection at 120 kVp Acquisition. <i>Iranian Journal of Radiology</i> , 2018, 15, .	0.1	1

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19	The Feasibility of Combined Coronary and Supra-aortic Arteries CT Angiography with a Single High-pitch Acquisition Protocol using Dualsource CT. <i>Angiology: Open Access</i> , 2015, 03, .	0.1	0
20	CT-angiografie body. , 2018, , 387-420.		0
21	Multislice computed tomography angiography in the diagnosis of patients with suspected aortic dissection: A single centre experience. , 2019, 12, .		0
22	Deep Learning-Based Image Reconstruction for CT Angiography of the Aorta. <i>Diagnostics</i> , 2021, 11, 2037.	1.3	4
23	Computed Tomography Angiography of the Aorta—Optimization of Automatic Tube Voltage Selection Settings to Reduce Radiation Dose or Contrast Medium in a Prospective Randomized Trial. <i>Investigative Radiology</i> , 2021, 56, 283-291.	3.5	11
24	Evaluation of image quality and radiation dose in low tube voltage coronary computed tomography angiography. <i>ARYA Atherosclerosis</i> , 2019, 15, 205-210.	0.4	4
25	Determine Cumulative Radiation Dose and Lifetime Cancer Risk in Marfan Syndrome Patients Who Underwent Computed Tomography Angiography of the Aorta in Northeast Thailand: A 5-Year Retrospective Cohort Study. <i>Tomography</i> , 2022, 8, 120-130.	0.8	0
26	Prospective Study of Low-Radiation and Low-Iodine Dose Aortic CT Angiography in Obese and Non-Obese Patients: Image Quality and Impact of Patient Characteristics. <i>Diagnostics</i> , 2022, 12, 675.	1.3	5
28	Non-ECG-gated high-pitch CT angiography versus hybrid ECG-gated CT angiography for aorta using 512-slice CT: comparison of image quality and radiation dose. <i>Acta Radiologica</i> , 2023, 64, 515-523.	0.5	3
29	Assessment of optimization of computed tomography angiography protocols for follow-up type B aortic dissection patients by using a 3D-printed model. <i>Journal of 3D Printing in Medicine</i> , 2022, 6, 117-127.	1.0	4
30	An image-based approach for the estimation of arterial local stiffness in vivo. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 11, .	2.0	5