Occupational Radiation Protection in Interventional Ra Cardiovascular and Interventional Radiology Society of Interventional Radiology

CardioVascular and Interventional Radiology 33, 230-239

DOI: 10.1007/s00270-009-9756-7

Citation Report

#	Article	IF	CITATIONS
1	Radiation protection in the cardiac catheterization laboratory: special focus on the role of the operator. Interventional Cardiology, 2010, 2, 667-672.	0.0	6
2	Staff Radiation Doses in a Real-Time Display Inside the Angiography Room. CardioVascular and Interventional Radiology, 2010, 33, 1210-1214.	0.9	72
3	Occupational health hazards in the interventional laboratory: progress report of the Multispecialty Occupational Health Group. Journal of NeuroInterventional Surgery, 2010, 2, 245-248.	2.0	4
4	Clinical Radiation Management for Fluoroscopically Guided Interventional Procedures. Radiology, 2010, 257, 321-332.	3.6	153
5	Special Communication— Occupational Health Hazards in the Interventional Laboratory: Progress Report of the Multispecialty Occupational Health Group. Journal of the American College of Radiology, 2010, 7, 679-683.	0.9	17
6	Occupational Health Hazards in the Interventional Laboratory: Progress Report of the Multispecialty Occupational Health Group. Journal of Vascular and Interventional Radiology, 2010, 21, 1338-1341.	0.2	21
7	Radiation protection of medical staff. European Journal of Radiology, 2010, 76, 20-23.	1.2	103
8	Introduction. Techniques in Vascular and Interventional Radiology, 2010, 13, 147-147.e1.	0.4	O
9	Developing a Clinical Pediatric Interventional Practice: A Joint Clinical Practice Guideline from the Society of Interventional Radiology and the Society for Pediatric Radiology. Journal of Vascular and Interventional Radiology, 2011, 22, 1647-1655.	0.2	21
10	Radiation dose and image quality for paediatric interventional cardiology systems. A national survey in Chile. Radiation Protection Dosimetry, 2011, 147, 429-438.	0.4	15
11	A Study to Compare the Radiation Absorbed Dose of the C-arm Fluoroscopic Modes. Korean Journal of Pain, 2011, 24, 199-204.	0.8	34
12	Padrão de exposição radiológica e preditores de superexposição dos pacientes submetidos a procedimentos cardiológicos invasivos em equipamentos com detectores planos. Revista Brasileira De Cardiologia Invasiva, 2011, 19, 84-89.	0.1	7
13	Radiation Exposure of the Anesthesiologist in the Neurointerventional Suite. Anesthesiology, 2011, 114, 512-520.	1.3	70
14	lonizing radiation absorption of surgeons and endoscopy nurses during endoscopic retrograde cholangiopancreatography. Surgical Practice, 2011, 15, 70-78.	0.1	1
15	Developing a clinical pediatric interventional practice: a joint clinical practice guideline from the Society of Interventional Radiology and the Society for Pediatric Radiology. Pediatric Radiology, 2011, 41, 1600-1612.	1.1	0
17	The Radiation Issue in Cardiology: the time for action is now. Cardiovascular Ultrasound, 2011, 9, 35.	0.5	132
18	Radiation safety program for the cardiac catheterization laboratory. Catheterization and Cardiovascular Interventions, 2011, 77, 546-556.	0.7	256
19	Managing Radiation Use in Medical Imaging: A Multifaceted Challenge. Radiology, 2011, 258, 889-905.	3.6	272

#	Article	IF	CITATIONS
21	Step back from the patient: Reduction of radiation dose to the operator by the systematic use of an automatic power injector for contrast media in an interventional angiography suite. Acta Radiologica, 2012, 53, 330-334.	0.5	4
22	Risk and safety concerns in anesthesiology practice: The present perspective. Anesthesia: Essays and Researches, 2012, 6, 14.	0.2	32
23	Anesthesia for Interventional Cardiology. Journal of Cardiothoracic and Vascular Anesthesia, 2012, 26, 134-147.	0.6	15
24	New Recommendations for Occupational Radiation Protection. Journal of the American College of Radiology, 2012, 9, 366-368.	0.9	12
25	Radiation exposure of eyes, thyroid gland and hands in orthopaedic staff: a systematic review. European Journal of Medical Research, 2012, 17, 28.	0.9	68
26	Recommendations for occupational radiation protection in interventional cardiology. Catheterization and Cardiovascular Interventions, 2013, 82, 29-42.	0.7	104
27	Reduction of Exposure of Patients and Staff to Radiation During Fluoroscopically Guided Interventional Procedures. Current Radiology Reports, 2013, 1, 11-22.	0.4	7
28	Impact of StentBoost subtract imaging on patient radiation exposure during percutaneous coronary intervention. International Journal of Cardiovascular Imaging, 2013, 29, 1207-1213.	0.7	14
29	ICRP Publication 120: Radiological Protection in Cardiology. Annals of the ICRP, 2013, 42, 1-125.	3.0	270
30	Effect of Radial Versus Femoral Access on Radiation Dose and the Importance of Procedural Volume. JACC: Cardiovascular Interventions, 2013, 6, 258-266.	1.1	117
31	Radiation-associated Lens Opacities in Catheterization Personnel: Results of a Survey and Direct Assessments. Journal of Vascular and Interventional Radiology, 2013, 24, 197-204.	0.2	206
32	Evaluation of Novel Disposable, Light-Weight Radiation Protection Devices in an Interventional Radiology Setting: A Randomized Controlled Trial. American Journal of Roentgenology, 2013, 200, 915-920.	1.0	32
33	Impact of Complex Lesions on Radiological Exposure during Percutaneous Coronary Intervention. Revista Brasileira De Cardiologia Invasiva (English Edition), 2013, 21, 49-53.	0.1	0
34	Radiation Exposure in Coronary Procedures Using the Radial and Femoral Approaches. Revista Brasileira De Cardiologia Invasiva (English Edition), 2013, 21, 54-59.	0.1	3
35	Radiation-Induced Noncancer Risks in Interventional Cardiology: Optimisation of Procedures and Staff and Patient Dose Reduction. BioMed Research International, 2013, 2013, 1-11.	0.9	34
36	A correlation study of eye lens dose and personal dose equivalent for interventional cardiologists. Radiation Protection Dosimetry, 2013, 157, 561-569.	0.4	62
37	Realistic Approach to Estimate Lens Doses and Cataract Radiation Risk in Cardiology When Personal Dosimeters Have not Been Regularly Used. Health Physics, 2013, 105, 330-339.	0.3	33
38	Efforts to Optimize Radiation Protection in Interventional Fluoroscopy. Health Physics, 2013, 105, 435-444.	0.3	20

3

#	ARTICLE	IF	CITATIONS
39	Interventional Neuroradiological Proceduresâ€"A Review for Anaesthetists. Anaesthesia and Intensive Care, 2013, 41, 184-201.	0.2	7
40	How Effective Are Radiation Reducing Gloves in C-arm Fluoroscopy-guided Pain Interventions?. Korean Journal of Pain, 2014, 27, 145-151.	0.8	18
41	Recomendaciones para mejorar la seguridad radiol $\tilde{A}^3$ gica durante los procedimientos de intervencionismo cardiol $\tilde{A}^3$ gico. Revista Chilena De Cardiolog $\tilde{A}$ 8, 2014, 33, 44-50.	0.0	0
42	The Radiation Exposure of Radiographer Related to the Location in C-arm Fluoroscopy-guided Pain Interventions. Korean Journal of Pain, 2014, 27, 162-167.	0.8	11
43	Statistical analysis of measured operators' finger doses in interventional radiology. Radioprotection, 2014, 49, 91-99.	0.5	3
44	Lightweight Bilayer Barium Sulfate–Bismuth Oxide Composite Thyroid Collars for Superior Radiation Protection in Fluoroscopy-guided Interventions: A Prospective Randomized Controlled Trial. Radiology, 2014, 270, 601-606.	3.6	17
45	Practical ways to reduce radiation dose for patients and staff during device implantations and electrophysiological procedures. Europace, 2014, 16, 946-964.	0.7	242
46	Radiation exposure of the radiologist's eye lens during CT-guided interventions. Acta Radiologica, 2014, 55, 86-90.	0.5	18
47	Effect of Reduction of the Pulse Rates of Fluoroscopy and CINE-Acquisition on X-Ray Dose and Angiographic Image Quality During Invasive Cardiovascular Procedures. Circulation: Cardiovascular Interventions, 2014, 7, 441-446.	1.4	31
48	Minimizing Radiation Exposure in Minimally Invasive Spine Surgery. Neurosurgery Clinics of North America, 2014, 25, 247-260.	0.8	7
49	Management of Patient and Staff Radiation Dose in Interventional Radiology: Current Concepts. CardioVascular and Interventional Radiology, 2014, 37, 289-298.	0.9	82
50	A Predictive Model for Stone Radiopacity in Kidney-ureter-bladder Film Based on Computed Tomography Parameters. Urology, 2014, 84, 1021-1025.	0.5	3
51	Local Reference Levels and Organ Doses From Pediatric Cardiac Interventional Procedures. Pediatric Cardiology, 2014, 35, 1037-1045.	0.6	49
52	Efficacy of a Minicourse in Radiation-Reducing Techniques in Invasive Cardiology. JACC: Cardiovascular Interventions, 2014, 7, 382-390.	1.1	29
53	Controlling Health Hazards to Hospital Workers: A Reference Guide. New Solutions, 2014, 23, 1-169.	0.6	36
54	An Evaluation of the Organ Dose Received by Cardiologists Arising From Angiography Examinations in Educational Hospital in Rasht. Global Journal of Health Science, 2015, 8, 185.	0.1	4
56	Cardiovascular Toxicity as a Result of Radiological Imaging. , 2015, , 521-546.		0
57	Optimisation of occupational radiological protection in image-guided interventions: potential impact of dose rate measurements. Journal of Radiological Protection, 2015, 35, 47-62.	0.6	4

#	ARTICLE	IF	Citations
58	Efficacy of a Radiation Absorbing Shield in Reducing Dose to the Interventionalist During Peripheral Endovascular Procedures: A Single Centre Pilot Study. CardioVascular and Interventional Radiology, 2015, 38, 573-578.	0.9	18
59	Evaluation of new transparent tungsten containing nanocomposites for radiation protection screens. Radiation Protection Dosimetry, 2015, 165, 406-409.	0.4	7
60	Occupational radiation dose to eyes from interventional radiology procedures in light of the new eye lens dose limit from the International Commission on Radiological Protection. British Journal of Radiology, 2015, 88, 20140627.	1.0	45
61	First results of an eye lens dosimetry survey in an interventional cardiology department. Journal of Radiological Protection, 2015, 35, 467-472.	0.6	4
62	Assessment of personal occupational radiation exposures received by nuclear medicine and oncology staff in Punjab (2003–2012). Australasian Physical and Engineering Sciences in Medicine, 2015, 38, 473-478.	1.4	5
63	Does Wearing A Real-Time Visual Dosimeter Reduce the Personal Radiation Dose for Interventional Radiology Nurses? An Observational Comparative Study. Journal of Radiology Nursing, 2015, 34, 137-142.	0.2	5
64	Use of a prototype radioprotection cabin in vascular neuroradiology: Dosimetry and ergonomics. Journal of Neuroradiology, 2015, 42, 326-331.	0.6	5
65	Application of the ELDO approach to assess cumulative eye lens doses for interventional cardiologists. Radiation Protection Dosimetry, 2015, 164, 84-88.	0.4	12
66	Radiation Protection Methods for the Interventionalist's Hands: Use of an Extension Tube. CardioVascular and Interventional Radiology, 2015, 38, 463-469.	0.9	2
67	Computed tomography and patient risk: Facts, perceptions and uncertainties. World Journal of Radiology, 2016, 8, 902.	0.5	178
68	Occupational eye lens doses in interventional cardiology. A multicentric study. Journal of Radiological Protection, 2016, 36, 133-143.	0.6	17
69	lonizing radiation exposure in interventional cardiology: current radiation protection practice of invasive cardiology operators in Lithuania. Journal of Radiological Protection, 2016, 36, 695-708.	0.6	7
70	Society of Interventional Radiology IR Pre-Procedure Patient Safety Checklist by the Safety and Health Committee. Journal of Vascular and Interventional Radiology, 2016, 27, 695-699.	0.2	24
71	Improving Radiation Awareness and Feeling of Personal Security ofÂNon-Radiological Medical Staff by Implementing a Traffic Light System in Computed Tomography. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2016, 188, 280-287.	0.7	4
72	Performances of a protector against scattered radiation during intraoperative use of a C-arm fluoroscope. Journal of Radiological Protection, 2016, 36, 629-640.	0.6	3
73	Occupational radiation exposure in vascular interventional radiology: A complete evaluation of different body regions. Physica Medica, 2016, 32, 1019-1024.	0.4	24
74	A Review of Radiation Protection Requirements and Dose Estimation for Staff and Patients in CT Fluoroscopy. Radiation Protection Dosimetry, 2016, 174, 518-534.	0.4	5
75	Efficiency of lead aprons in blocking radiation â^' how protective are they?. Heliyon, 2016, 2, e00117.	1.4	47

#	Article	IF	CITATIONS
76	OCCUPATIONAL DOSE ASSESSMENT IN INTERVENTIONAL CARDIOLOGY IN SERBIA. Radiation Protection Dosimetry, 2016, 170, 279-283.	0.4	4
77	RADIATION PROTECTION IN AN INTERVENTIONAL LABORATORY: A COMPARATIVE STUDY OF AUSTRALIAN AND SAUDI ARABIAN HOSPITALS. Radiation Protection Dosimetry, 2016, 172, 453-465.	0.4	3
78	Association of Anaesthetists of Great Britain and Ireland: Safe vascular access 2016. Anaesthesia, 2016, 71, 573-585.	1.8	222
79	Occupational Radiation Exposure of Anesthesia Providers: A Summary of Key Learning Points and Resident-Led Radiation Safety Projects. Seminars in Cardiothoracic and Vascular Anesthesia, 2017, 21, 165-171.	0.4	12
80	Efficiency of personal dosimetry methods in vascular interventional radiology. Physica Medica, 2017, 37, 58-67.	0.4	9
81	Editorial: ERCP-Related Radiation Cataractogenesis: Is It Time to Be Concerned?. American Journal of Gastroenterology, 2017, 112, 722-724.	0.2	7
82	Radiological protection for pregnant women at a large academic medical Cancer Center. Physica Medica, 2017, 43, 186-189.	0.4	13
83	Use of an Electromagnetic Navigation System on a Phantom as a Training Simulator forÂCT-Guided Procedures. Journal of the American College of Radiology, 2017, 14, 795-799.	0.9	4
84	Assessment of radiological protection systems among diagnostic radiology facilities in North East India. Journal of Radiological Protection, 2017, 37, 68-83.	0.6	5
85	A Survey of Radiation Protection Utilization and Accessibility Within Australian Cardiac Angiography Laboratories. Journal of Radiology Nursing, 2017, 36, 112-116.e1.	0.2	4
86	Tracking Cumulative Radiation Exposure in Orthopaedic Surgeons and Residents. Journal of Bone and Joint Surgery - Series A, 2017, 99, 1324-1329.	1.4	46
87	Radiation Exposure during Neurointerventional Procedures in Modern Biplane Angiographic Systems: A Single-Site Experience. Interventional Neurology, 2017, 6, 105-116.	1.8	21
88	Use of transabdominal ultrasound-guided transjugular portal vein puncture on radiation dose in transjugular intrahepatic portosystemic shunt formation. Diagnostic and Interventional Radiology, 2017, 23, 206-210.	0.7	23
89	Interventional Angiography: Radiation Protection for the Examiner by using Lead-free Gloves. Journal of Clinical and Diagnostic Research JCDR, 2017, 11, TC26-TC29.	0.8	4
90	Health Issues among Radiologists: Toll they Pay to their Profession. Journal of Clinical and Diagnostic Research JCDR, 2017, 11, TM01-TM02.	0.8	3
91	DOSIMETRY DURING PERCUTANEOUS CORONARY INTERVENTIONS OF CHRONIC TOTAL OCCLUSIONS. Radiation Protection Dosimetry, 2018, 181, 120-128.	0.4	3
92	Get the Lead off Our Backs!. Techniques in Vascular and Interventional Radiology, 2018, 21, 7-15.	0.4	15
93	Make Radiation Protection a Habit. Techniques in Vascular and Interventional Radiology, 2018, 21, 37-42.	0.4	15

#	Article	IF	Citations
94	The use of needle holders in <scp>CTF</scp> guided biopsies as a dose reduction tool. Journal of Applied Clinical Medical Physics, 2018, 19, 250-258.	0.8	11
95	Fighting the Gender Gap in Interventional Radiology: Facts and Fiction Relating to Radiation. CardioVascular and Interventional Radiology, 2018, 41, 1254-1256.	0.9	10
96	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation inÂCardiovascular Imaging: BestÂPractices for Safety and Effectiveness. Journal of the American College of Cardiology, 2018, 71, e283-e351.	1.2	84
97	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation inÂCardiovascular Imagingâ€"Best Practices for Safety and Effectiveness, Part 2: Radiological Equipment Operation, Dose-Sparing Methodologies, PatientÂandÂMedical Personnel Protection. Journal of the American College of Cardiology. 2018. 71. 2829-2855.	1.2	39
98	Radioprotection Measures during the Learning Curve with Hybrid Operating Rooms. Annals of Vascular Surgery, 2018, 50, 253-258.	0.4	8
99	Making Endovascular Neurosurgery Safer: Role of the Neuroanesthesiologist. Journal of Neuroanaesthesiology and Critical Care, 2018, 05, 133-140.	0.1	0
100	Radiation exposure dose and influencing factors during endoscopic retrograde cholangiopancreatography. PLoS ONE, 2018, 13, e0207539.	1.1	17
101	Interventionalists' perceptions on a culture of radiation protection. South African Journal of Radiology, 2018, 22, 1285.	0.1	6
102	Occupational radiation exposure to nursing staff during cardiovascular fluoroscopic procedures: A review of the literature. Journal of Applied Clinical Medical Physics, 2018, 19, 282-297.	0.8	11
103	Evaluation of patient and staff exposure with state of the art Xâ€ray technology in cardiac catheterization: A randomized controlled trial. Journal of Interventional Cardiology, 2018, 31, 807-814.	0.5	9
104	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation in Cardiovascular Imaging—Best Practices for Safety and Effectiveness, Part 2: Radiological Equipment Operation, Doseâ€6paring Methodologies, Patient and Medical Personnel Protection. Catheterization and Cardiovascular Interventions, 2018, 92, 222-246.	0.7	6
105	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation in Cardiovascular Imaging: Best Practices for Safety and Effectiveness. Catheterization and Cardiovascular Interventions, 2018, 92, E35-E97.	0.7	12
106	Cataract risk of neuro-interventional procedures: a nationwide population-based matched-cohort study. Clinical Radiology, 2018, 73, 836.e17-836.e22.	0.5	6
107	The International Atomic Energy Agency action plan on radiation protection of patients and staff in interventional procedures: Achieving change in practice. Physica Medica, 2018, 52, 56-64.	0.4	23
108	Impact of the Ceiling-Mounted Radiation Shielding Position on the Physician's Dose from Scatter Radiation during Interventional Procedures. Radiology Research and Practice, 2018, 2018, 1-7.	0.6	7
109	Radiation exposure of adrenal vein sampling: a German Multicenter Study. European Journal of Endocrinology, 2018, 179, 261-267.	1.9	34
110	Radiation Exposure and Safety for the Electrophysiologist. , 2019, , 17-28.		0
111	OCCUPATIONAL DOSE AND RADIATION PROTECTION PRACTICE IN UAE: A RETROSPECTIVE CROSS-SECTIONAL COHORT STUDY (2002–2016). Radiation Protection Dosimetry, 2019, 187, 426-437.	0.4	21

#	Article	IF	CITATIONS
112	Are CT and US imaging-guided percutaneous FNAs and/or spleen and focal splenic lesion tissue core biopsies safe and effective?. Journal of Radiation Research and Applied Sciences, 2019, 12, 294-303.	0.7	1
113	Flexible needle and patient tracking using fractional scanning in interventional CT procedures. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 1039-1047.	1.7	2
114	New eye lens dosemeters for integration in radiation protection glasses. Radiation Measurements, 2019, 125, 106-115.	0.7	18
115	Radiation Risks to Adult Patients Undergoing Modified Barium Swallow Studies. Dysphagia, 2019, 34, 922-929.	1.0	22
116	Interactive Flying Frustums (IFFs): spatially aware surgical data visualization. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 913-922.	1.7	23
117	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation in Cardiovascular Imaging: Best Practices for Safety and Effectivenessâ€"A Review for the Cardiac Anesthesiologist. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 2902-2908.	0.6	5
118	Effectiveness of protection strategies for reducing radiation exposure in proceduralists during cardiac catheterization procedures. JBI Database of Systematic Reviews and Implementation Reports, 2019, 17, 660-666.	1.7	1
119	Ocular radiation exposure during endoscopic retrograde cholangiopancreatography: a meta-analysis of studies. European Journal of Gastroenterology and Hepatology, 2019, 31, 463-470.	0.8	9
120	Scattered radiation on cardiologists during interventional cardiac procedure. Radiation Physics and Chemistry, 2020, 167, 108274.	1.4	1
121	A randomized controlled trial to assess operator radiation exposure from cardiac catheterization procedures using RAD BOARD® with standard pelvic shielding versus standard pelvic shielding alone. Catheterization and Cardiovascular Interventions, 2020, 95, 83-88.	0.7	2
122	Don't be Caught Half-dressed When Working with Radiation. CardioVascular and Interventional Radiology, 2020, 43, 369-375.	0.9	2
123	Significant Radiation Dose Reduction Using a Novel Angiography Platform in Patients Undergoing Cryoballoon Pulmonary Vein Isolation. Journal of Thoracic Imaging, 2020, 35, 167-172.	0.8	4
124	Taller staff occupationally exposed to less radiation to the temple in cardiac procedures, but risk higher doses during vascular cases. Scientific Reports, 2020, 10, 16103.	1.6	3
125	Meta-analysis of Intraprocedural Comparative Effectiveness of Vascular Plugs Vs Coils in Proximal Splenic Artery Embolization and Associated Patient Radiation Exposure. Current Problems in Diagnostic Radiology, 2021, 50, 623-628.	0.6	4
126	Interventional echocardiography: Opportunities and challenges in an emerging field. Echocardiography, 2022, 39, 975-984.	0.3	4
128	Anesthesiologist Knowledge on Radiation Safety in Northern Gauteng Hospitals, South Africa. Journal of Radiology Nursing, 2020, 39, 245-248.	0.2	O
129	Development and characterization of new tungsten and tantalum containing composites for radiation shielding in medicine. Nuclear Instruments & Methods in Physics Research B, 2020, 467, 21-26.	0.6	56
130	Addressing the efficiency of X-ray protective eyewear: Proposal for the introduction of a new comprehensive parameter, the Eye Protection Effectiveness (EPE). Physica Medica, 2020, 70, 216-223.	0.4	5

#	Article	IF	CITATIONS
131	Radiation awareness in an Italian multispecialist sample assessed with a web-based survey. Acta Cardiologica, 2021, 76, 307-311.	0.3	22
132	Physical pain and musculoskeletal discomfort in vascular surgeons. Journal of Vascular Surgery, 2021, 73, 1414-1421.	0.6	24
133	Occupational radiation exposure among diagnostic radiology workers in the Saudi ministry of health hospitals and medical centers: A five-year national retrospective study. Journal of King Saud University - Science, 2021, 33, 101249.	1.6	17
134	Challenges in Occupational Dosimetry for Interventional Radiologists. CardioVascular and Interventional Radiology, 2021, 44, 866-870.	0.9	6
135	Radiation dose during fluoroscopically guided central venous access device insertion: Retrospective observational study. Radiologia, 2021, 63, 5-12.	0.3	1
136	Dosis de radiaci $\tilde{A}^3$ n durante la inserci $\tilde{A}^3$ n guiada por fluoroscopia de un dispositivo de acceso venoso central: un estudio observacional retrospectivo. Radiologia, 2021, 63, 5-12.	0.3	1
137	Double-layered fiber for lightweight flexible clothing providing shielding from low-dose natural radiation. Scientific Reports, 2021, 11, 3676.	1.6	11
138	Development and Pre-Clinical Analysis of Spatiotemporal-Aware Augmented Reality in Orthopedic Interventions. IEEE Transactions on Medical Imaging, 2021, 40, 765-778.	5.4	8
139	Radiation safety and knowledge: an international survey of 708 interventional pain physicians. Regional Anesthesia and Pain Medicine, 2021, 46, 469-476.	1.1	3
140	ASSESSMENT OF INTEGRITY AND LEAD-EQUIVALENCE OF SHIELDED GARMENTS USING TWO-DIMENSIONAL X-RAY IMAGES FROM A COMPUTED TOMOGRAPHY SCANNER. Radiation Protection Dosimetry, 2021, 193, 155-164.	0.4	0
141	Radiation Effective Doses to Adults Undergoing Modified Barium Swallow Studies. Dysphagia, 2022, 37, 399-406.	1.0	2
142	Interventional radiologists have a higher rate of chromosomal damage due to occupational radiation exposure: a dicentric chromosome assay. European Radiology, 2021, 31, 8256-8263.	2.3	7
143	Get Protected! Recommendations for Staff in IR. CardioVascular and Interventional Radiology, 2021, 44, 871-876.	0.9	14
144	Radiation dose and diagnostic reference levels for four interventional radiology procedures: results of the prospective European multicenter survey EUCLID. European Radiology, 2021, 31, 9346-9360.	2.3	19
145	Ergonomics in Interventional Radiology: Awareness Is Mandatory. Medicina (Lithuania), 2021, 57, 500.	0.8	8
146	CIRSE Clinical Practice Manual. CardioVascular and Interventional Radiology, 2021, 44, 1323-1353.	0.9	24
147	Occupational Radiological Protection in Brachytherapy. Annals of the ICRP, 2021, 50, 5-75.	3.0	1
148	Comparison of operator and patient radiation exposure during fluoroscopy-guided vertebroplasty and kyphoplasty: a systematic review and meta-analysis. Journal of Neurosurgery: Spine, 2021, 35, 117-126.	0.9	1

#	Article	IF	CITATIONS
149	A critical appraisal of the quality of guidelines for radiation protection in interventional radiology using the AGREE II tool: A EuroAIM initiative. European Journal of Radiology, 2021, 143, 109906.	1.2	4
150	Angiography. , 2022, , 279-284.		0
151	OUP accepted manuscript. Radiation Protection Dosimetry, 2021, 197, 36-45.	0.4	1
152	Adherence to the RIGHT statement in Society of Interventional Radiology guidelines. Journal of Osteopathic Medicine, 2021, 121, 11-24.	0.4	1
153	Radiation Exposure and Adverse Health Effects of Interventional Cardiology Staff. Reviews of Environmental Contamination and Toxicology, 2013, 222, 73-91.	0.7	8
154	Radiation exposure of interventional cardiologists during coronary angiography: evaluation by phantom measurement and computer simulation. Physical and Engineering Sciences in Medicine, 2020, 43, 1279-1287.	1.3	3
155	Radiation exposure dose of fluoroscopy-guided gastrointestinal procedures: A single-center retrospective study. Endoscopy International Open, 2020, 08, E1872-E1877.	0.9	8
156	Definitions of Computer-Assisted Surgery and Intervention, Image-Guided Surgery and Intervention, Hybrid Operating Room, and Guidance Systems. Annals of Surgery Open, 2020, 1, e021.	0.7	8
157	Safety and effectiveness of strategies to reduce radiation exposure to proceduralists performing cardiac catheterization procedures: a systematic review. JBI Evidence Synthesis, 2021, 19, 4-33.	0.6	4
158	Evaluation of the current status of the eye lens radiation exposure in an Interventional Radiology department. Medicina Del Lavoro, 2018, 109, 471-477.	0.3	5
159	A Study on the Use of Radiation-Protective Apron among Interventionists in Radiology. Journal of Clinical Imaging Science, 2018, 8, 34.	0.4	22
160	Outcomes of staged hepatectomies for liver malignancy. World Journal of Hepatology, 2019, 11, 513-521.	0.8	7
161	La gestione della dose in radiologia interventistica. , 2012, , 91-112.		0
162	Impacto do peso corporal dos pacientes na exposição radiológica durante procedimentos cardiológicos invasivos. Revista Brasileira De Cardiologia Invasiva, 2012, 20, 63-68.	0.1	1
163	Impacto das lesões complexas na exposição radiológica durante intervenção coronária percutânea. Revista Brasileira De Cardiologia Invasiva, 2013, 21, 49-53.	0.1	2
164	How Radiation Protection Influences Quality in Radiology. , 2014, , 35-54.		0
165	Complications of Percutaneous Coronary Intervention. , 2014, , 1-30.		1
166	Complications of Percutaneous Coronary Intervention., 2015,, 2297-2322.		2

#	Article	IF	CITATIONS
167	Radiation Protection in Radiology Departments of Ahvaz University of Medical Sciences Teaching Hospitals, Ahvaz, Iran, 2015. Jundishapur Journal of Health Sciences, 2015, 7, .	0.1	0
168	Radiation Protection in Radiology Departments of Ahvaz University of Medical Sciences Teaching Hospitals, Ahvaz, Iran, 2015. Jundishapur Journal of Health Sciences, 2015, 7, .	0.1	1
169	Proteção radiológica aplicada à radiologia intervencionista. Jornal Vascular Brasileiro, 2015, 14, 197-199.	0.1	3
172	Occupation-associated health hazards for the gastroenterologist/ endoscopist. Annals of Gastroenterology, 2018, 31, 448-455.	0.4	14
173	Augmented Reality for Interventional Procedures. , 2021, , 233-246.		3
174	Establishing ionising radiation safety culture during interventional cardiovascular procedures. Cardiovascular Journal of Africa, 2021, 32, 41-45.	0.2	O
175	High Incidence of Cataracts in the Follow-Up of Patients Undergoing Percutaneous Coronary Intervention for Chronic Coronary Total Occlusion. Journal of Clinical Medicine, 2021, 10, 5002.	1.0	0
176	Radiation Concerns for the Neuroanesthesiologists. Journal of Neuroanaesthesiology and Critical Care, 0, 08, .	0.1	O
177	HYGIENIC ASSESSMENT OF X-RAY AND LASER RADIATION AT SURGEONS' WORKPLACES. Gigiena I Sanitariia, 2019, 98, 636-641.	0.1	3
178	Digital variance angiography allows about 70% decrease of DSA-related radiation exposure in lower limb X-ray angiography. Scientific Reports, 2021, 11, 21790.	1.6	9
179	Collar Badge Lens Dose Equivalent Values among United States Physicians Performing Fluoroscopically Guided Interventional Procedures. Journal of Vascular and Interventional Radiology, 2022, 33, 219-224.e2.	0.2	3
181	AN INTERVENTIONAL CARDIOLOGY INVESTIGATION: PATIENT EXPOSURE TO RADIATION AND INTER-OPERATOR VARIABILITY IN AN IRISH SETTING. Radiation Protection Dosimetry, 2020, 192, 89-96.	0.4	2
182	The Growing Culture Of A Minimally Fluoroscopic Approach In Electrophysiology Lab. Journal of Atrial Fibrillation, 2014, 7, 1104.	0.5	1
183	Reduction of Radiation Risk to Interventional Cardiologists and Patients during Angiography and Coronary Angioplasty. The Journal of Tehran Heart Center, 2017, 12, 101-106.	0.3	3
184	Remote vascular interventional surgery robotics: a literature review. Quantitative Imaging in Medicine and Surgery, 2022, 12, 2552-2574.	1.1	19
185	A cross-sectional study based on the assessment of the radiation dose for medical radiation workers. , 2021, 6, 93.	0.1	1
186	Initial experience on the use of real-time displayed radiation dose monitoring system in computed tomography fluoroscopy. Radiation Protection and Environment, 2021, 44, 141.	0.1	0
187	Radiation exposure during angiographic interventions in interventional radiology – risk and fate of advanced procedures. International Journal of Radiation Biology, 2022, 98, 865-872.	1.0	9

#	Article	IF	CITATIONS
189	The use of digital magnification to reduce radiation dose in the cardiac catheter laboratory. British Journal of Radiology, 2022, 95, 20210269.	1.0	2
190	Radiation safety for pain physicians: principles and recommendations. Korean Journal of Pain, 2022, 35, 129-139.	0.8	8
191	Features of radiation protection equipment for the staff of X-ray operating rooms. Radiacionna $\tilde{A}^{\varphi}$ Gigiena, 2021, 14, 76-84.	0.2	1
192	Radiation Dose Aspects of Hepatic Artery Infusion Chemotherapy in Uveal Melanoma Patients with Liver Metastases. CardioVascular and Interventional Radiology, 2022, , 1.	0.9	0
193	JCS 2021 Guideline on Radiation Safety in Cardiology. Circulation Journal, 2022, 86, 1148-1203.	0.7	7
195	Occupational radiation and pregnancy: reality or disinformation? A review of the literature and summary of current clinical guidelines. Radiologia, 2022, 64, 128-135.	0.3	0
196	Intraoperative Radiation Exposure to U.S. Podiatric and Medicine Surgery Residents Annually: How Much Are We Really Getting?. Journal of the American Podiatric Medical Association, 2022, 112, .	0.2	0
197	Lead Free Multilayered Polymer Composites for Radiation Shielding. Polymers, 2022, 14, 1696.	2.0	22
198	Impact of monoplane to biplane angiography upgrade on diagnostic angiography procedures: A retrospective cross-sectional study. Physica Medica, 2022, 98, 40-44.	0.4	1
202	18F-FDG PET/CT Did Not Increase the Risk of Cataract Occurrence in Oncology Patients: A Nationwide Population-Based Cohort Study. International Journal of Environmental Research and Public Health, 2022, 19, 7651.	1.2	0
203	Assessment of occupational dose reduction with the use of a floor mounted mobile lead radiation protection shield. Journal of Radiological Protection, 2022, 42, 033501.	0.6	6
204	Radiation dose aspects and establishment of diagnostic reference levels for <sup>90</sup> Y radioembolisation during angiographic procedure. Journal of Radiological Protection, 2022, 42, 031518.	0.6	1
205	Feasibility study of computational occupational dosimetry: evaluating a proof-of-concept in an endovascular and interventional cardiology setting. Journal of Radiological Protection, 2022, 42, 041501.	0.6	5
206	Radiation in Gastroenterology. Gastroenterology Research, 2022, 15, 285-296.	0.4	6
207	Management of doses from medical exposures in interventional radiology: an integrative review. Brazilian Journal of Radiation Sciences, 2022, 10, .	0.0	0
209	Intraoperative Fluoroscopy Radiation Using OEC 9900 Elite C-arm: Risk and Method for Decreasing Exposure. Health Physics, 2023, 124, 380-390.	0.3	0
211	OCCUPATIONAL RADIATION DOSE OF PERSONAL IN PEDIATRIC INTERVENTIONAL CARDIOLOGY. Journal of Engineering Technology and Applied Sciences, 0, , .	0.2	0
212	A case of extremity over-exposure and regulatory compliance. International Journal of Radiology and Radiation Oncology, 2023, 9, 005-007.	0.1	0

ΙF CITATIONS ARTICLE

Real Time Detection and Tracking of Guide Wire/Catheter for Interventional Embolization Robot based on Deep Learning. , 2023, , . 0 216