

Curriculum Vitae

Marc Dewey

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Present position: Heisenberg Professor and Vice Chair of Radiology

1 Education and Training

1996 – 2002 Medical Studies at Charité and Johns Hopkins University

2002 – 2008 Resident, Department of Radiology, Charité

2008 – 2010 Attending, Department of Radiology, Charité

2011 – 2012 Chief Attending, Department of Radiology, Charité

August 2012 Appointment for a Heisenberg-Professorship in Radiology at Charité

Since 2013 Vice Chair, Department of Radiology, Charité

2 Dissertation, Habilitation, and Awards

2004 Magnetic Resonance Imaging with the Blood-Pool Contrast Agent P792 for Diagnosis of Coronary Artery Disease – Animal Experiments
summa cum laude
Department of Radiology, Prof. Hamm, Charité
Award: Behnken-Berger-Preis 2005

2008 Multislice Computed Tomography for Diagnosis of Coronary Artery Disease
Award: Wilhelm Conrad Röntgen-Preis 2009 of the Deutsche Röntgengesellschaft

2012 Marie-Curie-Ring 2012, Deutsche Röntgengesellschaft

3 Scientific Activities

3.1 Main Research Interests

Translational imaging, MRI and CT, noninvasive cardiopulmonary imaging, clinical imaging trials, meta-analyses, artificial intelligence and radiomics, digital medicine.

3.2 Publications, Books, and Invited Lectures

>100 original papers as first or last author, 13 review paper as first or last author, Editor of the text books „Coronary CT Angiography“ and „Cardiac CT“ (Springer Nature), more than 80 invited lectures (e.g. RSNA, ECR, RöKo, JCR, SCCT, SCMR, ASCI)

Number of publications (thereof first or last authorships) ~230 (178)

h-index: 49, i10 index: 127

3.3 Patent

Patent: Method for Characterizing Perfusion Abnormalities by Means of Fractal Analysis (with Florian Michallek), USPTO: Notification of Allowance. EPA: PCT/EP2016/071551.

3.4 List of the 5 Most Important Original Papers

1. Miller JM, Rochitte CE, **Dewey M**, Arbab-Zadeh A, Niinuma H, Gottlieb I, Paul N, Clouse M, Shapiro E, Hoe J, Lardo A, Bush D, de Roos A, Cox C, Brinker J, Lima JA. Diagnostic Performance of Coronary Angiography by 64-row Multidetector Computed Tomography. *New Engl J Med* 2008;359:2324-36
2. **Dewey M**, Zimmermann E, Deissenrieder F et al. Noninvasive Coronary Angiography by 320-Row CT with Lower Radiation Exposure and Maintained Diagnostic Accuracy: Comparison of Results with Cardiac Catheterization in a Head-To-Head Pilot Investigation. *Circulation*. 2009;120(10):867-75
3. Rief M, Zimmermann E, Stenzel F, Martus P, Stangl K, Greupner J, Knebel F, Kranz A, Schlattman P, Laule M, **Dewey M**. CT Angiography and Myocardial CT Perfusion in Patients with Coronary Stents: Prospective Intraindividual Comparison with Conventional Coronary Angiography. *J Am Coll Cardiol* 2013;62(16):1476–85
4. **Dewey M**, Rief M, Martus P, Kendziora B, Feger S, Dreger H, Priem S, Knebel F, Böhm M, Schlattmann P, Hamm B, Schönenberger E, Laule M, Zimmermann E. Evaluation of computed tomography in patients with atypical angina or chest pain clinically referred for invasive coronary angiography: randomised controlled trial. *BMJ* 2016;355:i5441
5. Haase R, COME-CCT Investigators, ..., **Dewey M**. Diagnosis of obstructive coronary artery disease using computed tomography angiography in stable chest pain patients depending on clinical probability and in clinically important subgroups: individual patient data meta-analysis. *BMJ* 2019;365:1945

Entire List of Publications in Pubmed: <https://pubmed.ncbi.nlm.nih.gov/collections/12561558/>

4 Academic Positions

2006	Founding member of „Junge Charité“
Since 2011	Associate Editor of <i>European Radiology</i> and <i>Radiology</i>
2011	Secretary of Congress, RöKo Deutscher Röntgenkongress
2011-2013	President, Röntgen Society of Berlin and Brandenburg
Since 2013	Member of Program Planning Committee ECR 2015-2021
Since 2014	International Scientific Advisory Board Member, SCAPIS Study
Since 2014	DISCHARGE, Coordinator (www.dischargetrial.eu)
2015-2019	Member of International Society for Strategic Studies in Radiology (IS3R)
2016-2019	Member of Charité Faculty Council
Since 2018	Speaker of Charité Graduate Program (www.promotionskolleg.de)
Since 2019	Vice Chair of Charité Research Committee
2019-2020	Chairperson of Scientific Papers Subcommittee, ECR
Since 2019	Member of Steering Committee 2 of the Berlin University Alliance
2019-2022	European Society of Radiology Executive Council Member, Research Chair