Advancements in cardiovascular imaging: serial coronary CT and myocardial CT perfusion quantification techniques

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List of publications

Comparison of left ventricular mass and wall thickness between cardiac computed tomography angiography and cardiac magnetic resonance imaging using machine learning algorithms (journal article)
van Driest, Finn Y | van der Geest, Rob J | Omara, Sharif K | Broersen, Alexander | Dijkstra, Jouke | Jukema, J Wouter | Scholte, Arthur J H A
European Heart Journal - Imaging Methods and Practice, volume 2, issue 3 (2024).
10.1093/ehjimp/qyae069

Automatic Quantification of Local Plaque Thickness Differences as Assessed by Serial Coronary Computed Tomography Angiography Using Scan-Quality-Based Vessel-Specific Thresholds (journal article)
van Driest, Finn Y. | Broersen, Alexander | van der Geest, Rob J. | Wouter Jukema, J. | Scholte, Arthur J. H. A. | Dijkstra, Jouke
Cardiology and Therapy, volume 13, issue 1, pages 103-116 (2024).
10.1007/s40119-023-00341-6

Utilizing (serial) coronary computed tomography angiography (CCTA) to predict plaque progression and major adverse cardiac events (MACE): results, merits and challenges (journal article)
van Driest, F. Y. | Bijns, C. M. | van der Geest, R. J. | Broersen, A. | Dijkstra, J. | Scholte, A. J. H. A. | Jukema, J. W.
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Transmural ischemia visualized using routine Chest CTA (journal article)
van Driest, F.Y. | Hertgers, O | Scholte, A.J.H.A. | Jukema, J.W. | de Graaf, M.A.
Radiology Case Reports, volume 17, issue 5, pages 1734-1736 (2022).
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COVID-19 associated perimyocarditis (journal article)
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10.1016/j.mri.2021.08.012

Quantification of myocardial ischemia and subtended myocardial mass at adenosine stress cardiac computed tomography: a feasibility study (journal article)
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The International Journal of Cardiovascular Imaging, volume 37, issue 11, pages 3313-3322 (2021).
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Early nerve repair in traumatic brachial plexus injuries in adults: treatment algorithm and first experiences (journal article)
Pondaag, Willem | van Driest, Finn Y. | Groen, Justus L. | Malessy, Martijn J. A.
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CV

Finn van Driest was born on the 12th of April 1990 in The Hague. He attended the atheneum of the Montessori high school in that same city. Hereafter, he went on to study medicine at Leiden University. On finishing his medical studies he worked as a senior house officer in clinical addiction care within a large rehabilitation clinic in Utrecht. Missing the thrill of intramural medicine and looking for more clinical experience he joined the cardiology department at the Leiden University Medical Centre as a senior house officer. With a great interest in cardiac imaging he was awarded a PhD position in that same department under supervisor of Prof Jukema and Dr Scholte. Fond of medical technology and imaging he now resides as a 3rd year radiology resident in the same institution. (Head of department: Prof Bennink. Residency supervisor: Dr Pereira Arias-Bouda)

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