

Artificial Intelligence in Coronary Computed Tomography ...

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Cardiac computed tomography angiography (CCTA) is widely used as a diagnostic tool for evaluation of coronary artery disease (CAD). Despite the excellent capability to rule-out CAD, CCTA may overestimate the degree of stenosis; furthermore, CCTA analysis can be time consuming, often requiring advanc ...

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Cardiac computed tomography angiography (CCTA) is widely used as a diagnostic tool for evaluation of coronary artery disease (CAD). Despite the excellent capability to rule-out CAD, CCTA may overestimate the degree of stenosis; furthermore, CCTA analysis can be time consuming, often requiring advanced postprocessing techniques. In consideration of the most recent ESC guidelines on CAD ...

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The application of **artificial intelligence** (AI) may provide a helpful tool in CCTA, improving the evaluation and quantification of **coronary stenosis**, plaque characterization, and assessment of ...

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Author: Karthik Seetharam, James K Min **Publish Year:** 2020

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