Riverain Technologies Announces Health Canada Approval of ClearRead CT CAC for Coronary Artery Calcification

Health Canada has approved Riverain's ClearRead CT CAC for opportunistic coronary artery calcification (CAC) quantification on ungated chest CT exams.

MIAMISBURG, OH, UNITED STATES, March 18, 2025 /EINPresswire.com/ -- [Riverain Technologies](#) is pleased to announce that Health Canada has approved ClearRead CT CAC, an advanced artificial intelligence solution for opportunistic coronary artery calcification (CAC) quantification on ungated, non-contrast chest CT exams. This approval paves the way for Canadian radiologists to leverage ClearRead CT CAC to identify and quantify coronary artery calcifications efficiently and accurately, aiding in early detection and risk stratification of cardiovascular disease.

ClearRead CT CAC is a part of the [ClearRead CT suite of AI-powered thoracic imaging solutions](#). ClearRead CT suppresses vessels for an unimpaired view of the chest. Then, it detects, segments, characterizes and measures nodules. ClearRead CT CAC builds on this foundation by enabling an automated, accurate Agatston score and risk classification in routine chest

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CT scans, providing valuable insights into a patient's cardiovascular health without the need for dedicated cardiac imaging.

Historically, coronary artery calcium exams have only been offered to symptomatic patients using specialized CT scans. This has overlooked the opportunity for early diagnosis. ClearRead CT CAC accurately detects, quantifies, and reports an Agatston score. It is compatible with ungated, non-contrast standard and low-dose chest CT exams, making it a valuable addition to lung cancer screening programs. Patients who undergo a CT scan for unrelated reasons can also benefit from ClearRead CT CAC scoring.

"Coronary artery disease affects over 300 million people worldwide each year*," said Steve Worrell, CEO, Riverain Technologies. "We are thrilled to receive Health Canada approval for ClearRead CT CAC, allowing us to expand access to this powerful tool for Canadian radiologists and healthcare providers to enable earlier disease detection."

Riverain Technologies will be showcasing ClearRead CT at the Canadian Association of Radiologists (CAR) Annual Scientific Meeting, April 3-6, 2025, in Montreal. The company will be exhibiting in the Microsoft booth, demonstrating how its AI-driven imaging solutions integrate seamlessly into radiology workflows, helping clinicians make faster, more accurate decisions.

About Riverain Technologies

Riverain Technologies is dedicated to transforming the field of radiology by addressing and eliminating delayed cardiothoracic diagnoses. As relentless innovators, Riverain empowers healthcare providers by streamlining diagnostic workflows, enhancing detection accuracy, and ultimately improving patient outcomes. With a steadfast commitment to advancing cardiothoracic care, Riverain Technologies is shaping the future of diagnostic excellence. For more information: https://www.riveraintech.com/

Sources:
*https://www.jacc.org/doi/10.1016/S0735-1097%2824%2904310-9#:~:text=In%202022%2C%20there%20were%20315,to%205445)%20per%20100000).

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