Visual ordinal scoring of coronary artery calcium on chest CT: Diagnostic performance and prognostic utility
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According to ARRS' American Journal of Roentgenology (AJR), routine visual ordinal coronary artery calcium (CAC) assessment on all chest CT examinations could identify a large number of patients who might benefit from preventive therapies.

"Visual ordinal CAC assessment on both contrast-enhanced and non-contrast non-gated chest CT has high sensitivity (83% vs 90%, p=.20) and specificity (100% vs 100%, p=.99), prognostic utility (HR 4.5, p=.02 and HR 3.4, p=.003, respectively), and excellent interobserver agreement (?=0.89 and ?=0.95, respectively).

"Routine reporting of CAC on all chest CT examinations regardless of clinical indication and contrast material administration could identify a large number of patients with previously unknown CAC who might benefit from preventive treatment," Dr. Hanneman added.


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