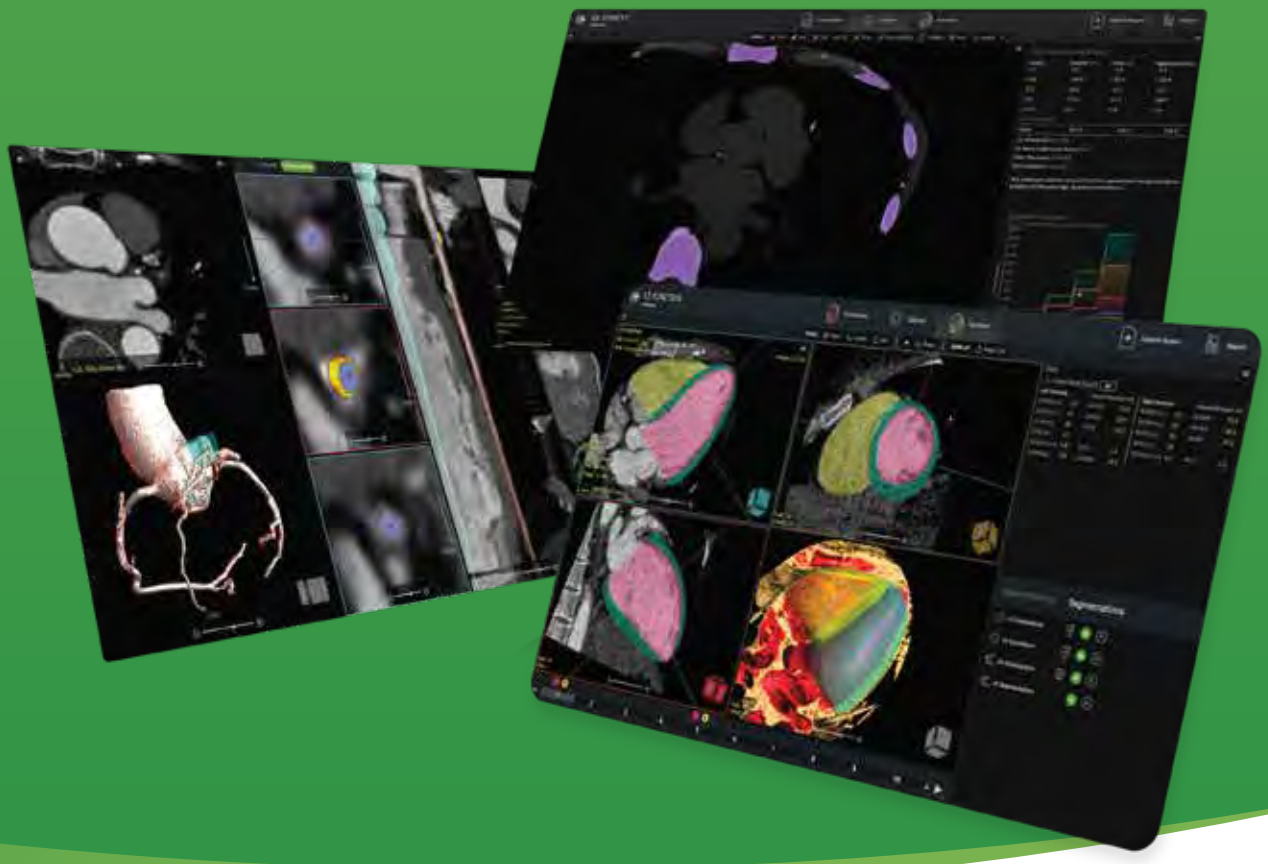
cvi42® | CORE CT

Quickly read and report Cardiac CT scans for assessment of coronary artery, plaque, calcium scoring, function and tissue segmentation powered by AI. Review and edit all automatically generated results with a streamlined user interface.



For more information, contact us at **sales@circlecvi.com** or scan the QR code.

www.circlecvi.com Circle Cardiovascular Imaging @circlecvi

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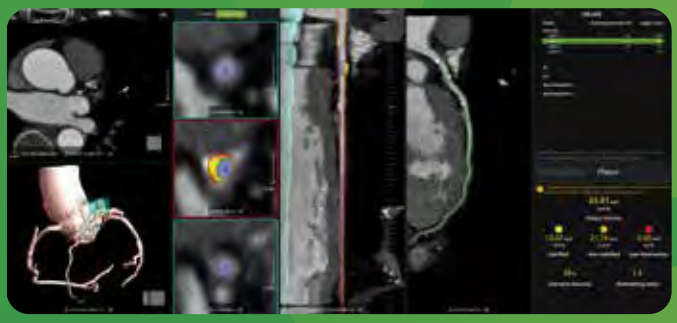
CT Computed Tomography

cvi42®

Read and report cardiac CT using server-side processing for assessment of coronary artery, plaque, calcium scoring, function and tissue deformation.

CT CORONARIES

- Zero-click segmentation and labeling of primary and secondary coronary arteries
- 2-click stenosis assessment with simple interface, quick editing and measurement tools
- Automatic 3D heart view generation for editing and quality assessment
- Lesion-level total occlusion marking
- Single- and dual-reference marker for stenosis calculation

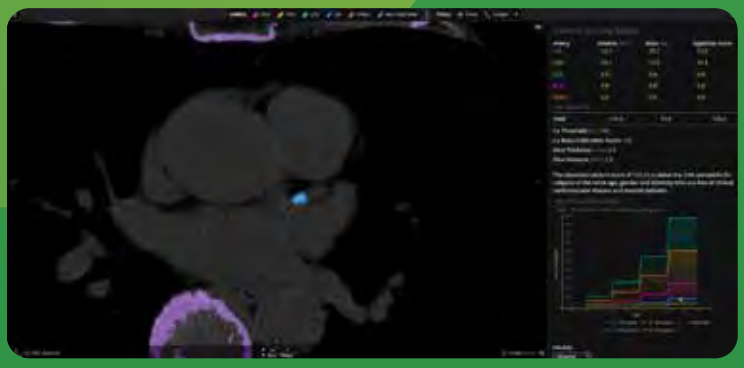


CT PLAQUE†

- AI-automated coronary lumen and wall segmentation
- Detailed assessment of calcified, non-calcified, and low-attenuation plaques
- Per-lesion and per-vessel plaque analysis
- Remodeling index assessment helps identify high-risk plaques beyond stenosis severity
- Enhanced coronary reporting

CT CALCIUM

- Automatically generate Agatston score for additional cardiac event risk stratification information††
- Automated quantification and categorization of calcified plaque in major coronary arteries in non-contrast enhanced CT images
- Zero-click calcium scoring segmentation via server-side pre-processing



† Additional license required.
†† Stratification is for informational purposes only.

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CT FUNCTION

- Server-side pre-processing and 3D-based, AI-driven cardiac function analysis
- User-friendly tools for manual editing, such as AutoFOV viewport alignment
- Endoluminal view and overlay hiding capabilities, enabling a clearer understanding of underlying anatomy

CT STRAIN[†,††]

- AI–based re-slicing of multi-phase volumetric CT studies to create short-axis and long-axis series for strain assessment
- AI-based contouring of reformatted series
- Automated calculation of radial, circumferential and longitudinal peak strain, strain rate, displacement, velocity, torsion and torsion rate
- Easy to deploy and integrate smoothly into your existing clinical environment

CT VIEWER

- Viewing of 2D images, secondary captures, and reformatted series in cvi42 | CORE CT

[†] Not for clinical use.
[††] Additional license required.

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