Cercare Stroke

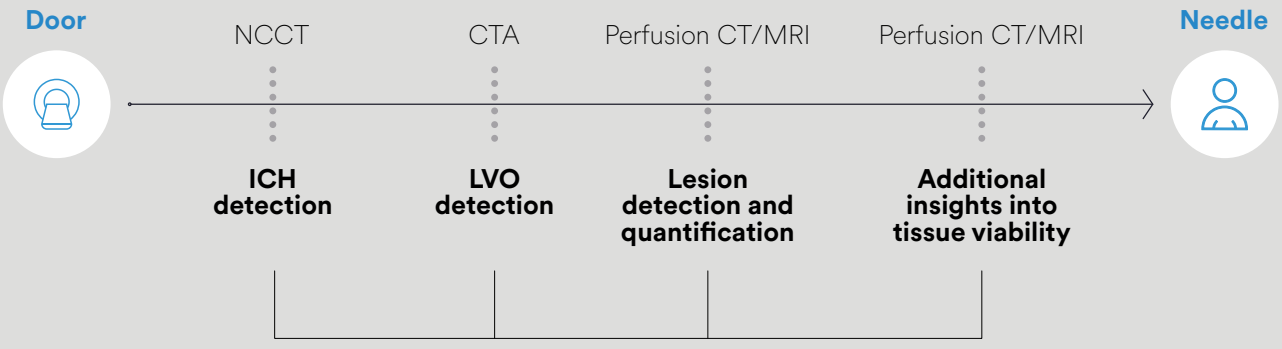
A leap towards precision medicine

Cercare Medical

Fast analysis. Patient specific approach.

Cercare Stroke is an AI-powered imaging solution for brain CT and MRI. While providing insights in each stage of stroke assessment, Cercare Stroke incorporates data on microvascular function and tissue oxygenation in its analysis to enable accurate stroke interpretation in each individual patient, without any extra effort on your side.

Cercare Stroke takes a step forward towards precision medicine in automatic detection of stroke lesions. Our solution incorporates data on brain tissue oxygenation into its AI-driven stroke analysis to provide you with parametric maps that represent tissue viability in acute stroke as accurately as possible. Additional modules for the detection of intracerebral hemorrhage and large vessel occlusions turn Cercare Stroke into a solution package that can support you at each stage of your stroke assessment.



Cercare Stroke supports your assessment depending on your stroke workflow

Would you like to see some examples? Request an online demo

Reach out to us at cercare-medical.com/contact-sales

Key features

Stroke lesions identification	Cercare Stroke iautomatically dentifies suspected infarcted and hypoperfused lesions. At the core of the technology lies artificial intelligence that incorporates data on not only blood flow but brain tissue oxygenation and viability.
Stroke lesions quantification	Get a quick evaluation of suspected lesions volume for optimal treatment selection.
ICH detection	Rule out stroke-related intracerebral hemorrhage during your stroke assessment with an AI-powered ICH detection module, part of Cercare Stroke.
LVO detection	Cercare Stroke automatically detects the exact location of occlusions and large vessels.
Automatic motion correction	Patients motion is a common reason for image quality degradation. Cercare Stroke takes care of that.
Automatic image fusion	Cercare Stroke takes care of automatic series and sequence coregistration so you can get straight to image assessment.
Perfusion parametric maps	Gain deeper insights into brain tissue viability in stroke without any extra work. Cercare Stroke generates both traditional (CBV, CBF, MTT, etc) parametric maps together with unique perfusion biomarkers (CTH, OEF model based, rCMRO2 model based) to provide you with deeper insights into brain tissue viability for your assessment.
Works with both CT and MRI	There might be several modalities involved in your stroke workflow. Cercare Stroke generates stroke and perfusion parametric maps for both CT and MRI, all within one application.
Multi-vendor compatability	It does not matter which scanner you have. Cercare Stroke works with what you have got.
Flexible integration	The key to successful clinical implementation of any new medical software or device is its smooth integration into existing workflows. Thanks to using standard DICOM files for its imaging outputs, Cercare Stroke can be easily integrated with your existing PACS as well as your viewer.
Works with your existing protocols	Cercare Stroke does not require any changes in your existing protocols.

CE Cercare Stroke is CE marked. Cercare Stroke consists of Cercare medical Neurosuite and four modules - Capillary Function, Virtual Expert, LVO detection and ICH detection. All are CE-marked according to the European Medical Device Directive 93/42/EEC.

FDA Cercare Stroke is not FDA cleared. For research use only.

For regulatory status of Cercare Stroke in other countries and regions, please contact us.

About Cercare Medical

We're bridging the gap between science and clinical practice.

Founded in 2013, we provide healthcare professionals with reliable yet simple to use neuroimaging solutions. Through a strong focus on bringing clinical research to life with breakthrough technology, our solutions boost confidence in image assessment and treatment decisions.

Our aim is to empower healthcare professionals – to help them practice with speed, insight and confidence, no matter the circumstances.

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