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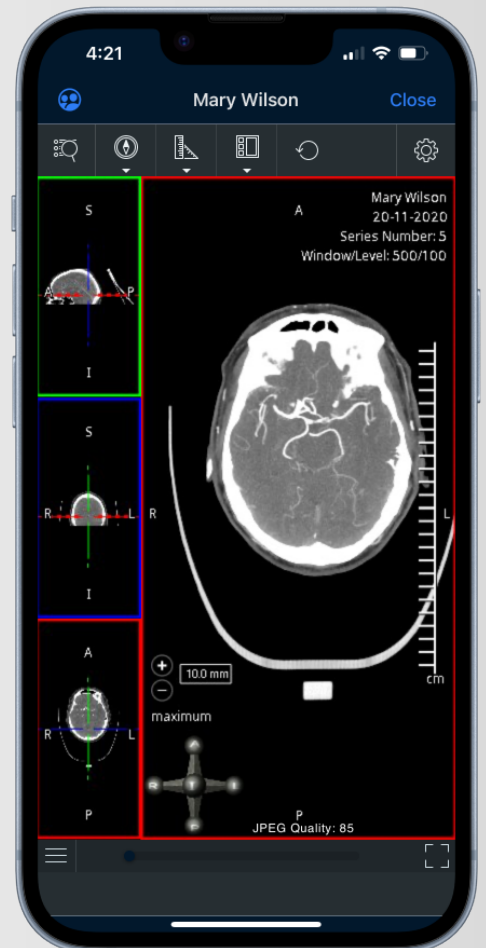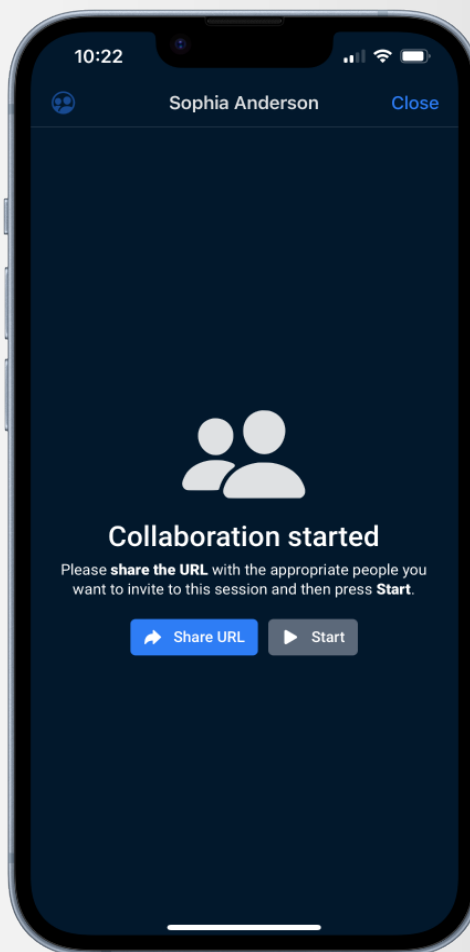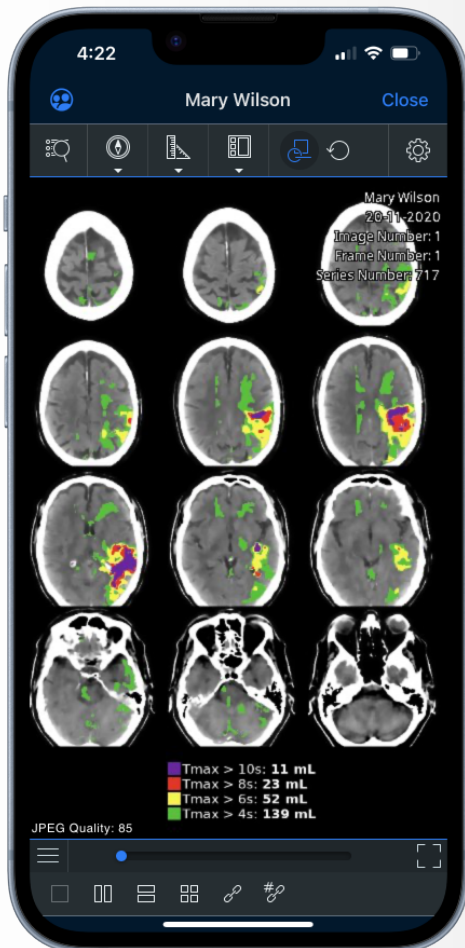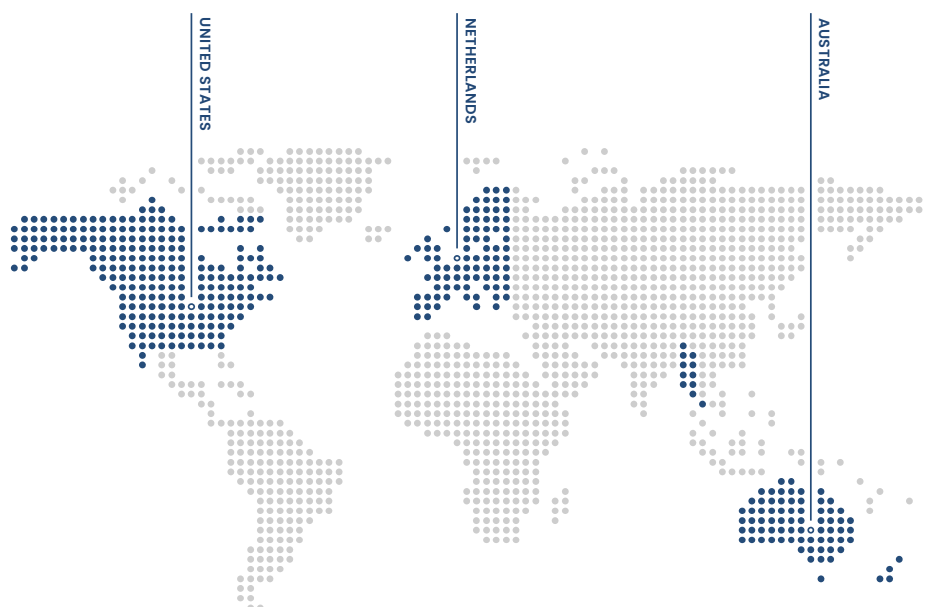
stroke | viewer

Easy-to-use stroke workflow technology to **help improve outcomes**

NICOLAB

Born from extensive research to revolutionize stroke workflow technology

UNITED STATES

NETHERLANDS
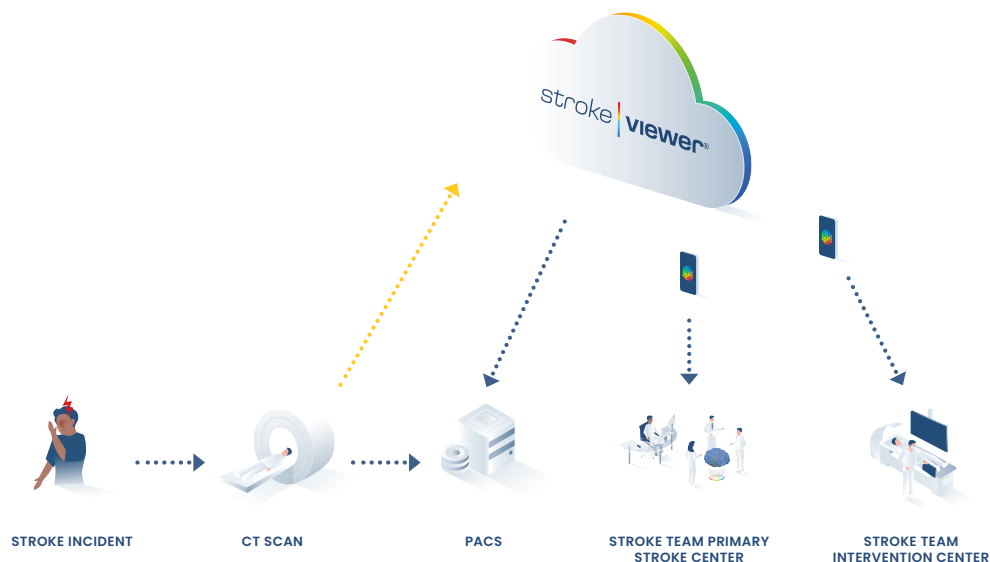
AUSTRALIA

○ NICOLAB OFFICES

Founded from the world-leading MR CLEAN clinical trial, Nicolab's team comprises researchers, developers and medical specialists. Our mission is to align the development of our products and our operational strategies with your needs. At Nicolab, we develop solutions for physicians by physicians.

To enhance your ability to provide exceptional patient care, we have partnered with global industry leaders:
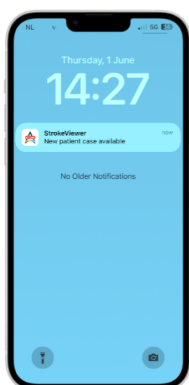
PHILIPS   aws

stroke|viewer

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① Collaborate Seamlessly

A platform built to be simple and easy-to-use, delivering effortless image sharing and collaboration.

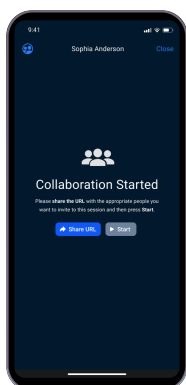**STROKE INCIDENT** → **CT SCAN** → **PACS** → **STROKE TEAM PRIMARY STROKE CENTER** → **STROKE TEAM INTERVENTION CENTER**

Interactive **real-time screen sharing, built-in messaging** and high-speed **image exchange** within & between hospitals[1]
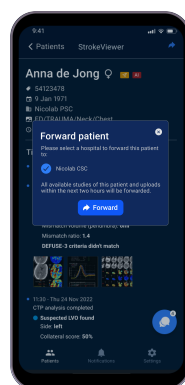
- Enjoy a fast and secure connection directly from your CT scanner, with results automatically returned to PACS

- StrokeViewer uses your hospital's ADFS integration for comprehensive security and administrative control

- Thanks to cloud-native technology, with just two clicks, physicians can securely forward images to the intervention centre or networking hospital

- Within minutes the intervention center will promptly receive notifications and gain immediate access to the same patient details, enhancing coordination and care
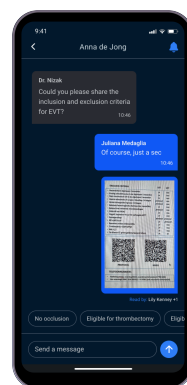

Instant notification

Screen sharing

Patient forwarding

Chat with the team

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② Effortless Access

StrokeViewer harnesses the benfits of the cloud to seamlessly and securely access patient data **anytime, anywhere.**

StrokeViewer incorporates a certified software for viewing DICOM images, helping physicians in their diagnosis, communication and collaboration.[2]

Retrieve DICOM images within seconds, regardless of your location.[3]

Secure & Scalable

▸ 100% cloud native solution

▸ Secure by design

▸ Scalable to the growing clinical and operational needs of your stroke service

Fast

▸ Empowering physicians with rapid access to images for swift alignment by the stroke team, accelerating diagnostic decisions.

▸ StrokeViewer image sharing sends full DICOM series and AI results to a network intervention center in less than 2 minutes[4]
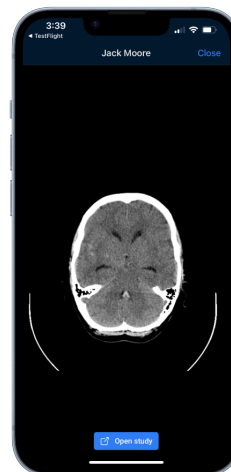
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③ AI-powered for better informed decision-making

Access to StrokeViewer's suite of imaging algorithms and automated calculations to assist the user.[5]

Hemorrhage triaging[6]

A real-time triage tool that helps healthcare provided quickly flag suspected acute intracranial Hemorrhage on head non-contrast CT scans..

▸ Detection of subtle subarachnoid, intraparenchymal, Epidural, Subdural and Intraventricular Hemorrhages

▸ Sensitivity of 91.4%, Specificity of 97.5% and Accuracy of 95.6% for ICH detection.[7]

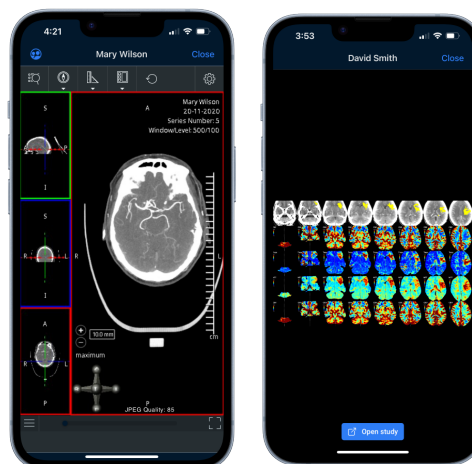▸ Case-level notifications are provided in case of suspected positive findings.

LVO triaging

You and your team are instantly notified of a suspected Large Vessel Occlusion (LVO). The notification takes you directly to the patient scan which can help you make informed decisions.

▸ Access to results via your mobile device, email or PACS

▸ Sensitivity of 91.3% and Specificity of 85.9% for occlusion detection.[8]

CT Perfusion Analysis

▸ StrokeViewer offers multicolored perfusion maps through our user-friendly DICOM Viewer[9]

▸ Perfusion volumes are calculated according to configurable Tmax and CBF thresholds

▸ Automated AIF and motion correction to standardize results

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④ Customer support, insights and training

At Nicolab, we strive to deliver the highest value and impact to the daily practice of our users to ensure they get the most value from StrokeViewer.
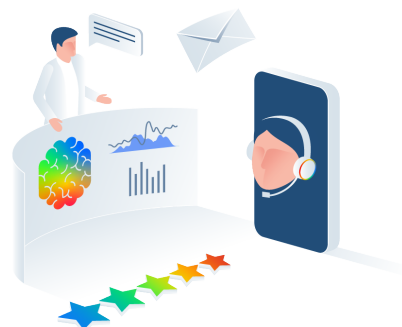
Dedicated Support

- Ongoing support from a team of dedicated team of technical and clinical experts
- Ongoing customer success engagement meetings
- Partner to achieve your stroke targets

Continued access to data, analytics, and customer support

- Monitor and identify trends to reach your clinical goals, improve efficiency and meet your certification metrics.
- Use StrokeViewer and the support team to optimize performance, test new features, and discuss product innovation[10]

Thorough training and support

- Customized live, virtual or on-demand trainings:
  - AI portfolio
  - Collaboration features
  - Clinical implications

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Download the App

Get **in touch**

📞 **Customer Support**
+31 20 244 0852

✉️ **Email**
info@nicolab.com

🌐 **Website**
nicolab.com

Disclaimers

[1,3] When used on a mobile device, this software is not intended to replace full radiology workstations. Minimum requirements must be met. Dependent upon internet access and coverage area. Exceptions to availability are during software updates.

[2] StrokeViewer utilizes the 510(k) cleared ResolutionMD functionality (K161130) on the Webviewer and Mobile App platforms.

[4] Minimum requirements must be met. Dependent upon internet access and coverage area. Exceptions to availability are during software updates.

[5,10] The AI stroke portfolio has varying availability depending on the country you live in. The future availability cannot be guaranteed.

[6] StrokeViewer utilizes the 510(k) cleared CINA ICH-detection software (K200855).

[7] Based off the clinical study within the 510(k) cleared CINA ICH-detection software (K200855)

[8] Images were obtained primarily on GE scanners. Limited number of scans used from Siemens, Toshiba and Philips.

[9] Based on a survey conducted in 2021 among board-certified radiologists, neurologists and other users