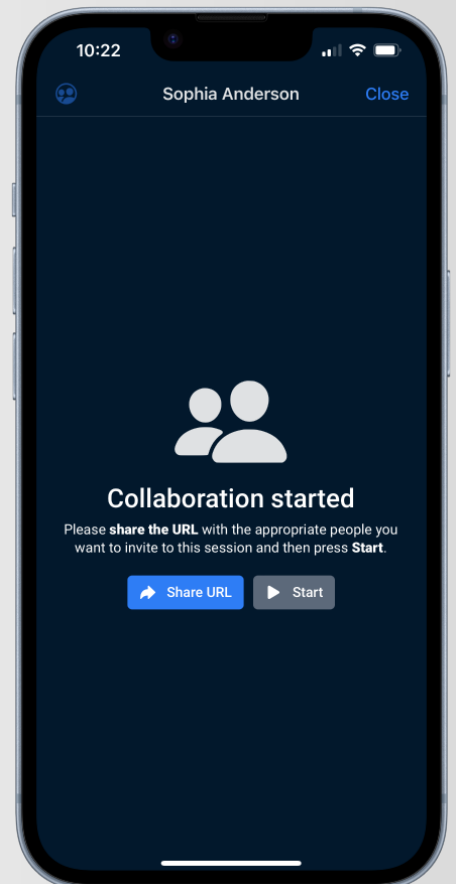
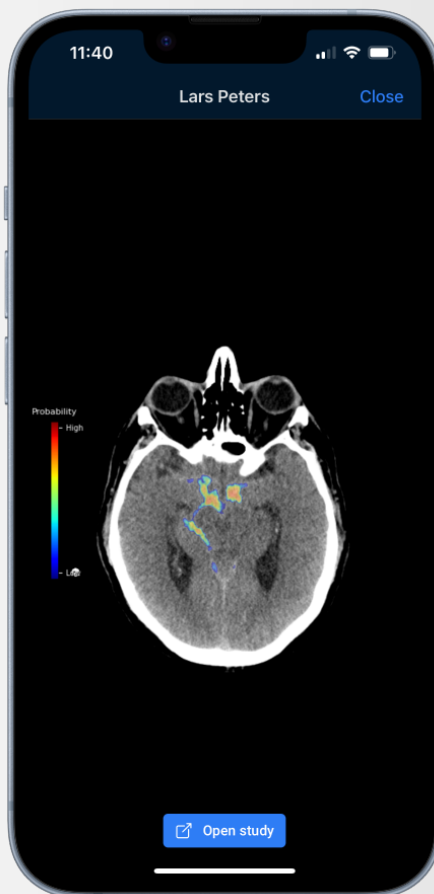
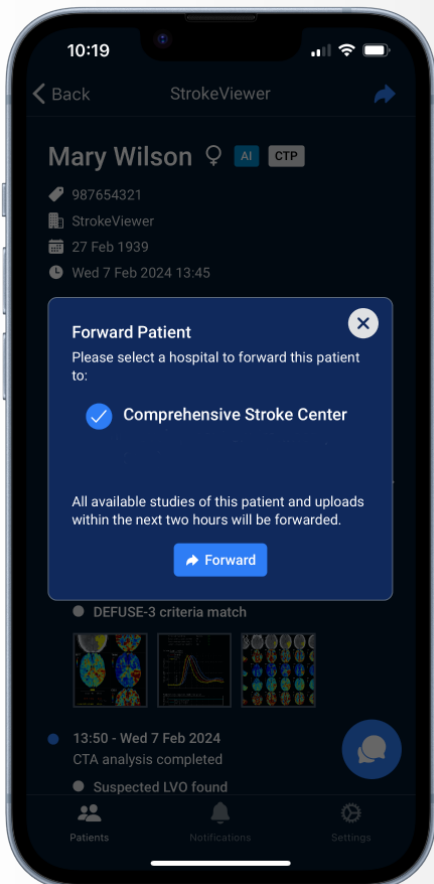
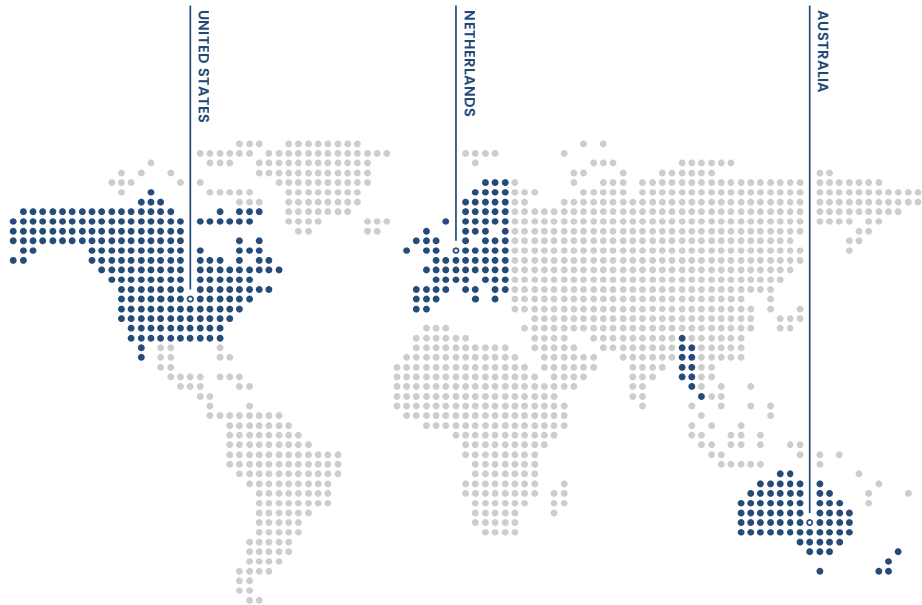


# stroke | viewer

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



# Born from extensive research to revolutionize stroke workflow technology



○ NICOLAB OFFICES

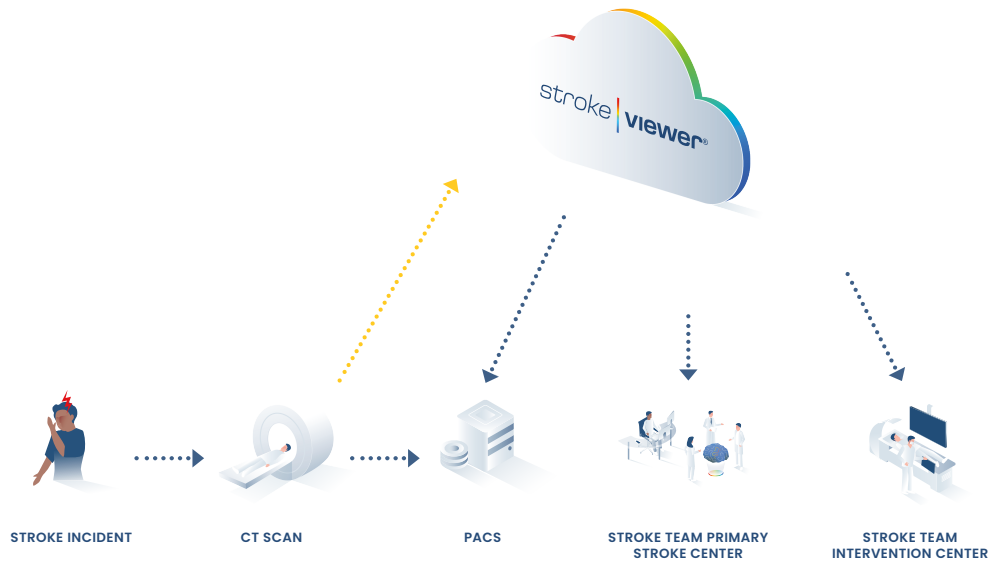
Founded from the world-leading MR CLEAN clinical trial, Nicolab's team comprises researchers, developers and medical specialists. Our mission is to align the development of our products and our operational strategies with your needs. At Nicolab, we develop solutions for physicians by physicians.

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



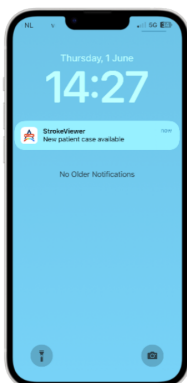
# 1 Collaborate Seamlessly

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

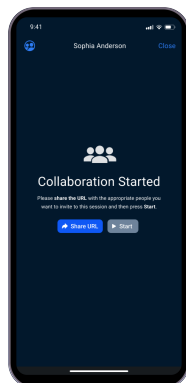


Interactive **real-time screen sharing, built-in messaging** and high-speed **image exchange** within & between hospitals

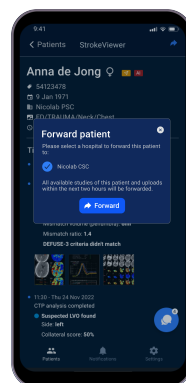
- ▶ Enjoy a fast and secure connection directly from your CT scanner, with results automatically returned to PACS
- ▶ StrokeViewer uses your hospital's ADFS integration for comprehensive security and administrative control
- ▶ Thanks to cloud-native technology, with just two clicks, physicians can securely 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



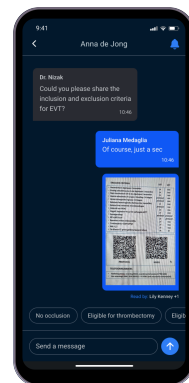
Instant notification



Screen sharing



Patient forwarding



Chat with the team

## 2 Effortless Access

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

StrokeViewer's mobile DICOM viewer is **certified for diagnostic use**, ensuring your confidence in the **exceptional image quality** on your device.

Retrieve DICOM images within seconds, regardless of your location. \*

\*StrokeViewer requires wi-fi connection or 4G / 5G connectivity, subject to device requirements.



### Secure & Scalable

- ▶ 100% cloud native solution
- ▶ Secure by design
- ▶ Scalable to the growing clinical and operational needs of your stroke service



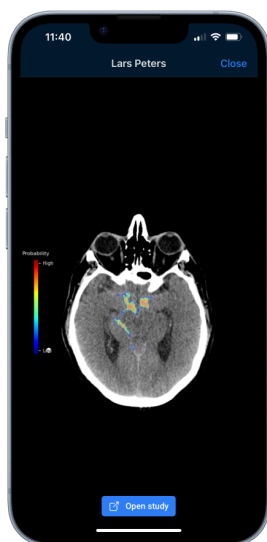
### Fast

- ▶ 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\*

\*Dependent upon internet access and coverage area. Exceptions to availability are during software updates.

## 3 AI-powered for better informed decision-making

Access to StrokeViewer's suite of imaging algorithms and automated calculations to help accelerate patient diagnosis.



### Hemorrhage detection

This AI stroke algorithm detects subtle bleeds and notifies your team immediately. Results are displayed via a binary contour mask and multicolored probability map for easy interpretation.

- ◆ Detection of subtle subarachnoid and intraparenchymal hemorrhages as well as other intracranial hemorrhages
- ◆ Sensitivity of 97% & Specificity of 96%\*
- ◆ Auto-segmentation and volumetric measurements displayed through color-coded overlay

\* Internal clinical validation study, 2023

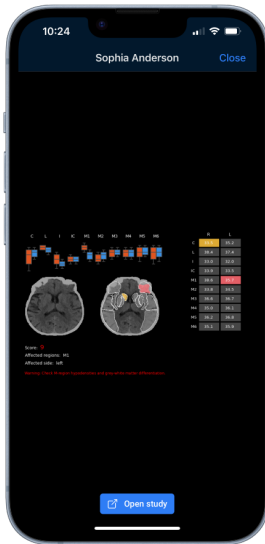
### LVO Detection & Localization

You and your team are instantly notified of a suspected Large Vessel Occlusion (LVO) and its precise location immediately. The notification takes you directly to the patient scan helping you save treatment time and reduce the risk of missing an LVO.

- ◆ Access to results via your mobile device, email or PACS to diagnose an LVO patient faster
- ◆ LVO identifier to pinpoint LVO location (including distal M2 branch)
- ◆ Outstanding sensitivity for occlusion detection, sensitivity of 99% including ICA-T and M1 occlusions in the anterior circulation\*

\*HALO FDA application 2020





## ASPECTS

Output of a standardized ASPECT score in minutes. With automatic detection of hypodensity on NCCT scans, you can quickly interpret results and make the best treatment decision.

- ▶ Alignment of the brain for easier reading of the scan
- ▶ Automatic identification of the ASPECTS regions on NCCT
- ▶ Delivers results with high consistency and reliability\*

\* Internal clinical validation study, 2021

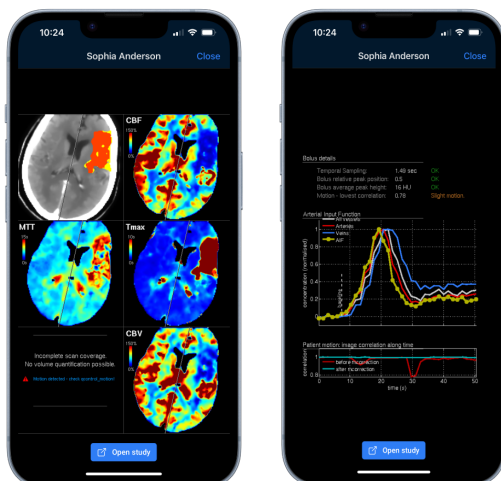
## Collaterals

An automated collateral score is given to you as a percentage. Visualization of the vessels combined with thrombus location helps you determine whether the patient will benefit from endovascular therapy.

- ▶ Collateral status is the only proven treatment effect modifier currently in the clinical guidelines\*
- ▶ You are informed of the acquisition phase for quality assurance
- ▶ The automated score is given as a quantitative collateral score and percentage of contralateral hemisphere, reducing interobserver variability



\* A.M.M. Boers et al. AJNR 2018



## Automated Perfusion Analysis

- ▶ Quantifying the ischemic core and penumbra helps determine the amount of brain tissue that could be salvaged with endovascular treatment
- ▶ Easy-to-interpret multi-coloured perfusion maps visible through our DICOM Viewer
- ▶ Core and mismatch volumes to help determine eligibility for treatment
- ▶ Automated AIF, VOF and motion correction to standardize results

## 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



### Thorough training and support

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

## Download the App



## Get in touch



### Customer Support

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