

CINA-ICH

AI powered Solution for Intracranial Hemorrhage



CE
Marked



FDA
Cleared

Designed with a focus on patient management, CINA is a medical device that uses a suite of advanced algorithms to accelerate and improve the therapeutic decision-making process. Fully automated and seamlessly integrated into the radiologist's existing workflow, CINA helps healthcare professionals to detect and prioritize life-threatening pathologies from CT scan.



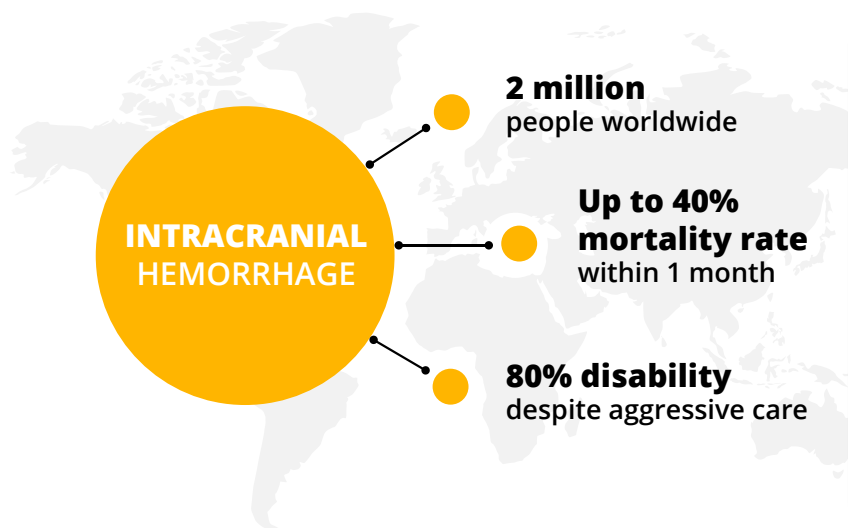
Decrease time
to treatment



Improve patient
outcomes



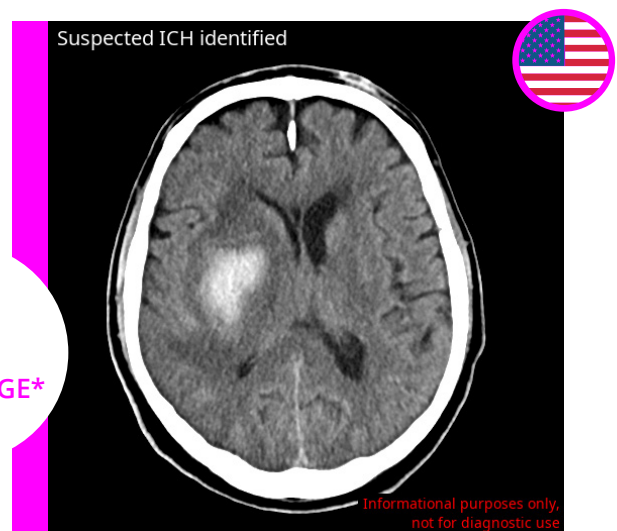
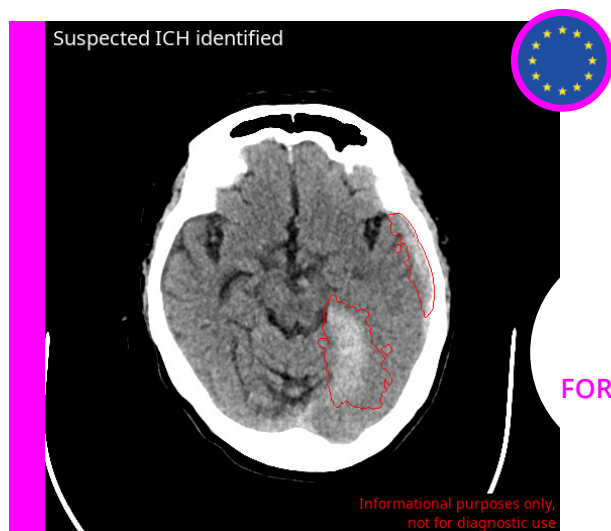
Reduce error rate
& misdiagnosis



When dealing with a stroke, time is of the essence and being able to prioritize effectively is critical to saving lives and improving outcomes. Not only does CINA help radiologists to identify pathologies quickly, but also to highlight those that require the most urgent care."

Peter Chang, MD - Radiologist and
Director of UCI Health Center for AI
in Diagnostic Medicine

CINA-ICH is a real time triage tool that helps healthcare providers to quickly flag suspected acute Intracranial Hemorrhage on head non-contrast CT Scan. By prioritizing those cases in the worklist, it drastically reduces turnaround time for head trauma and stroke patients.



FOR TRIAGE*

*The time informed is based on application processing time. The overall time to deliver the information will depend on the vendor, hospital network, and ultimately equipment used.

Extensive Training Process

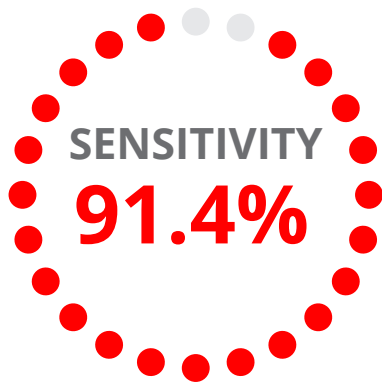
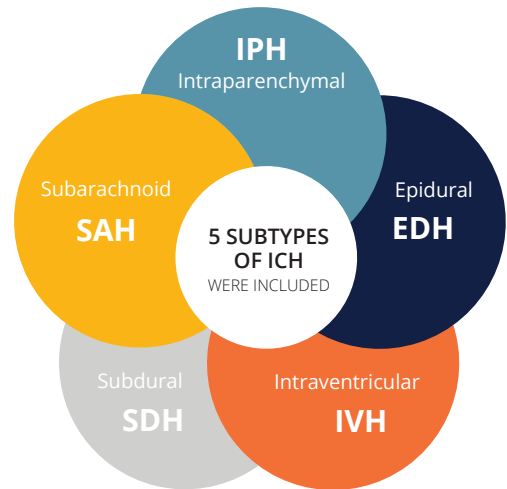
The training of the CINA-ICH algorithm has been elaborated on more than 10,000 cases with a wide range of data (image, qualities, scanner makes, protocols, ICH subtypes, etc.).

Robust Validation System

CINA-ICH detection capability was validated using data from 814 cases conducted at more than 250 imaging centers across 44 US States.

The tested dataset contained a sufficient numbers of cases from important cohorts in terms of imaging acquisitions, patient groups, and ICH characteristics.

Three US board-certified expert neuroradiologists proceeded to the visual assessment of all datasets.



SPECIFICITY

ACCURACY

CINA, medical images analysis software, is a medical device manufactured Avicenna.AI. This medical device is reserved for health professionals. This software has been designed and manufactured according to the EN ISO 13485 Quality Management System. Read the instructions in the notice carefully before any use.

Instructions for Use are available on <https://avicenna.ai/>

Manufacturer: Avicenna.AI (France).

Medical devices Class I following European Medical Device Directive 93/42/CEE.

Medical devices Class II following the Code of Federal Regulations of the United States of America 21CFR on Medical Devices.

Avicenna.AI is leading the way to the next generation of healthcare with its medical diagnostic AI solutions focused on medical imaging and life-threatening diseases. Designed around patient management, automatic and plug-n-play, our applications provide solutions to global clinical challenges.



For further information, please contact us: contact@avicenna.ai

<https://avicenna.ai>