

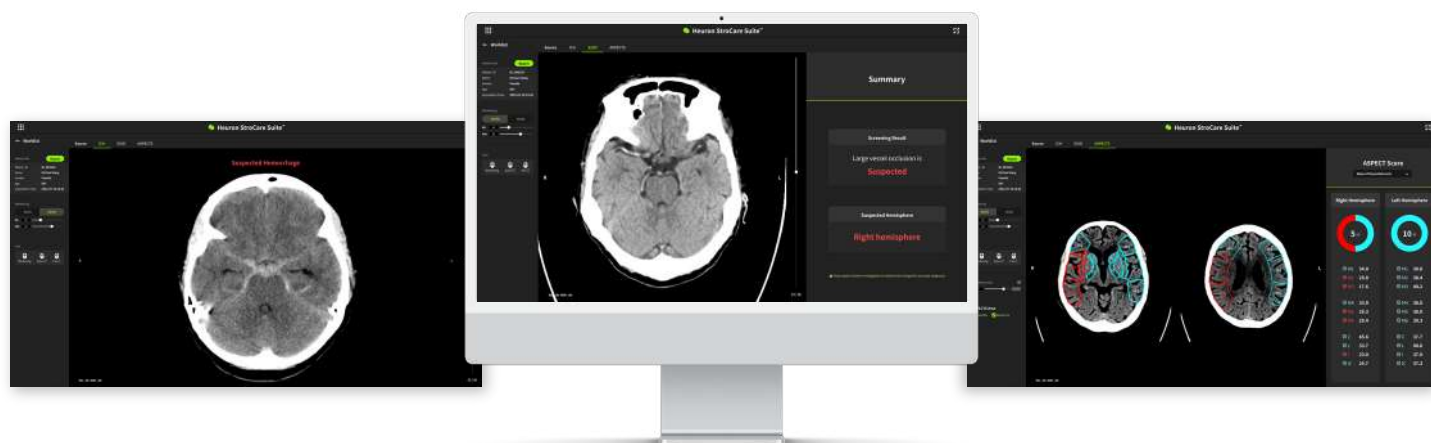
Comprehensive Stroke Triage AI Solution

Heuron StroCare Suite™



Faster Triage, Prompt Actions

HEURON StroCare Suite™



Heuron ICH

Intracranial Hemorrhage

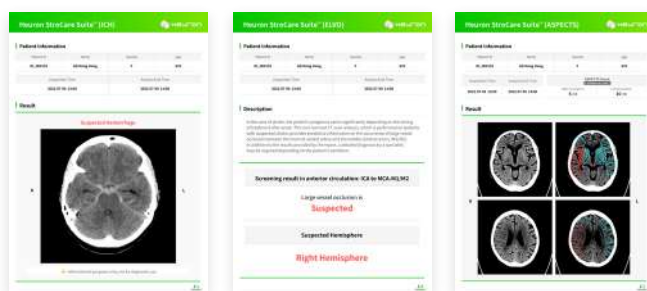
FDA 510(k) Cleared

Heuron ELVO

Emergent Large Vessel Occlusion

Heuron ASPECTS

ASPECT Score



Faster with Non-Contrast CT.

Within 3 minutes, emergency stroke patients are identified, ASPECTS score are calculated, and physicians are notified of cases requiring attention.

More Accurate Identification.

High sensitivity enables the identification of problematic areas even in challenging cases, facilitating prompt and accurate actions.

More Efficient Decision-Making.

The comprehensive suite enhances patient care journey through a well-coordinated multidisciplinary workflow across networks.

Empowering Triage and Transfer Decisions

Improve Your Workflow



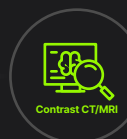
Transfer to PSC
(Primary Stroke Center)

Non-Contrast CT Scan

Transfer to TSC
(Thrombectomy-Capable Stroke Center)

Result Interpretation and Additional Examination

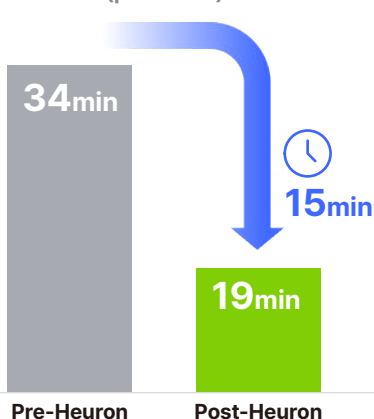
Treatment



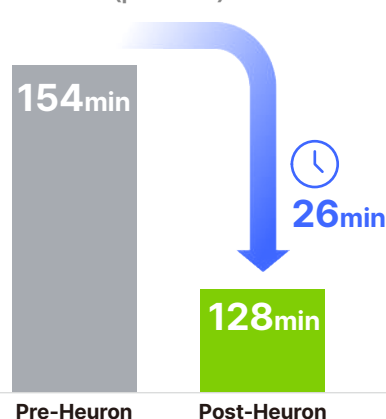
Because Time Matters.

By significantly reducing the time from CT imaging to stroke care team and mechanical thrombectomy, the suite effectively helps enhance treatment outcomes.

CT to Stroke Team
($p=0.0009$)



CT to MT
($p=0.0127$)



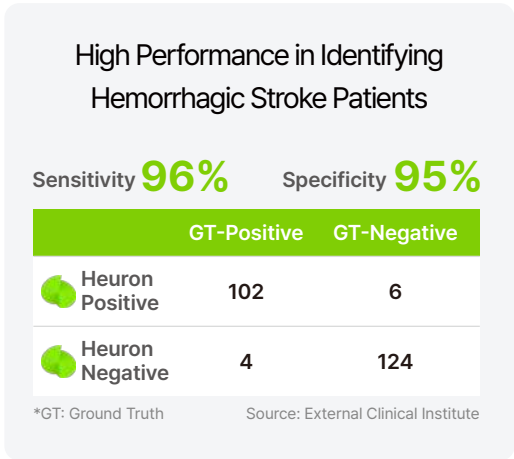
*MT: Mechanical Thrombectomy

From ICH to LVO, Triage & Notification in One Go

Comprehensive Stroke Triage AI Solution

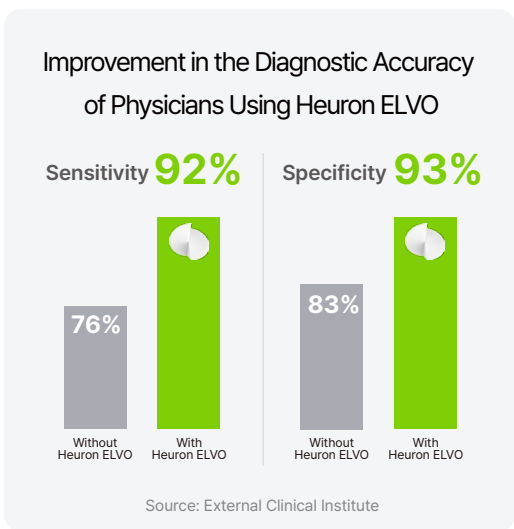
Intracranial Hemorrhage

- Detects and triages suspected hemorrhages to prioritize emergency patients
- Analyzes small bleeding areas that are difficult to interpret visually
- High sensitivity and specificity



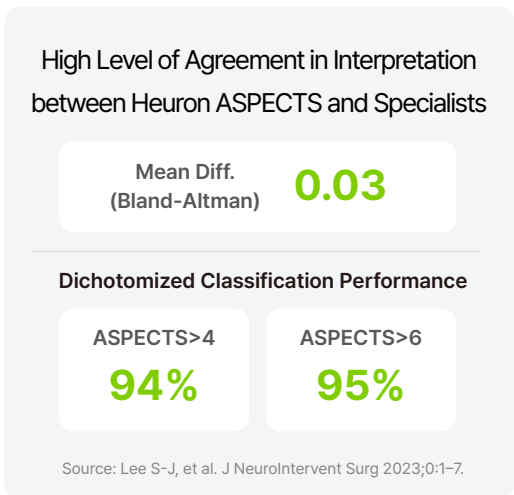
Emergent Large Vessel Occlusion

- Detects and triages emergent LVOs and indicates the relevant hemisphere ICA-t, M1, M2-p
- Effective prioritization of patients in need of mechanical thrombectomy (with Heuron ASPECTS)
- Significant improvement in the diagnostic accuracy of physicians using Heuron ELVO



ASPECT Score

- Segments 10 regions for ASPECTS calculation and displays area-specific analysis results
- Assists physicians in making faster and more accurate decisions on triage or transfer

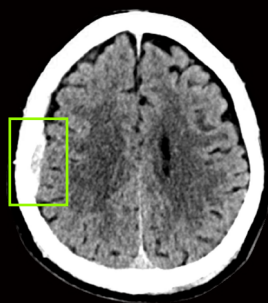


Heuron StroCare Suite™ Analysis Results

Clinical Case

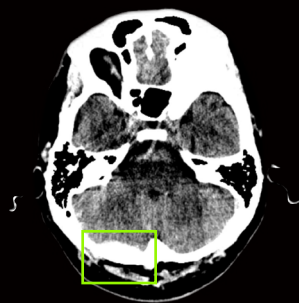
Heuron ICH Results: Suspected Hemorrhage

CASE 01



Minimal acute subdural hematoma in the right front temporoparietal lobe

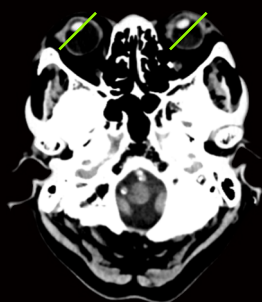
CASE 02



Epidural Hemorrhage(EDH), right cerebellar convexity, fractures on right occipital bone

Heuron ELVO Results: Suspected LVO, RT Hemisphere

CASE 03



Eyeball Deviation



Dense MCA Sign

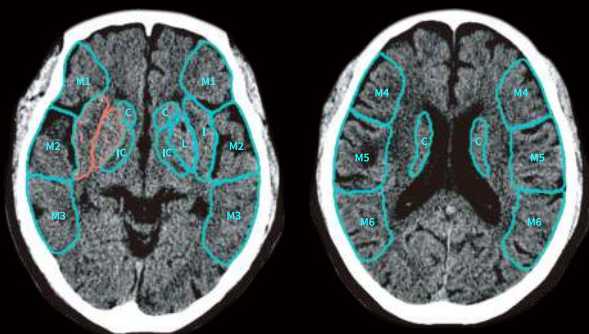


Early Ischemic Change

Occlusion in the right M1 segment, early ischemic change in the right basal ganglia, old ischemic lesions in the bilateral basal ganglia

Heuron ASPECTS Results: 8/10 in RT Hemisphere

CASE 04



Right Hemisphere	Left Hemisphere
<div><div></div><div>8/10</div></div>	<div><div></div><div>10/10</div></div>
⊙ M1 27.9	⊙ M1 29.4
⊙ M2 26.7	⊙ M2 27.5
⊙ M3 32.3	⊙ M3 32.4
⊙ M4 -	⊙ M4 -
⊙ M5 -	⊙ M5 -
⊙ M6 -	⊙ M6 -
⊙ C 35.2	⊙ C 35.4
⊙ L 35.1	⊙ L 35.4
⊙ I 32.0	⊙ I 32.7
⊙ IC 32.4	⊙ IC 32.6

Faster Triage, Prompt Actions
Because Time Matters.



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Scan to Connect and
Discover More

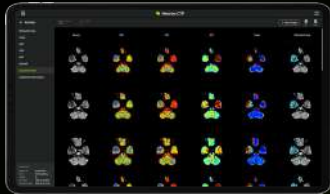
Automated Calculation of Cerebral Hemodynamics

Heuron CTP

- ✔ CT Perfusion Analysis
- ✔ Faster Decision-Making
- ✔ Customized Viewer Options



Analyzes cerebral hemodynamics for a fast selection of patients in need of emergency treatment



Workflow Improvement

Automatically analyzes CT perfusion and provides clear, informative hemodynamics with color-coded maps. (CBV, CBF, MTT, Tmax)



Precise Information

Provides essential information for treatment decisions, including Tmax Volume (>6sec, Penumbra) and rCBF Volume (<30%, Infarct Core).



Supported Features

Automatically generates VOF/AIF graphs and allows user customization for reanalysis, enabling more precise evaluation of cerebral blood flow and tissue characteristics.



Customizable Settings

Enables optimized utilization in clinical settings by allowing users to manually adjust Tmax and rCBF threshold values.

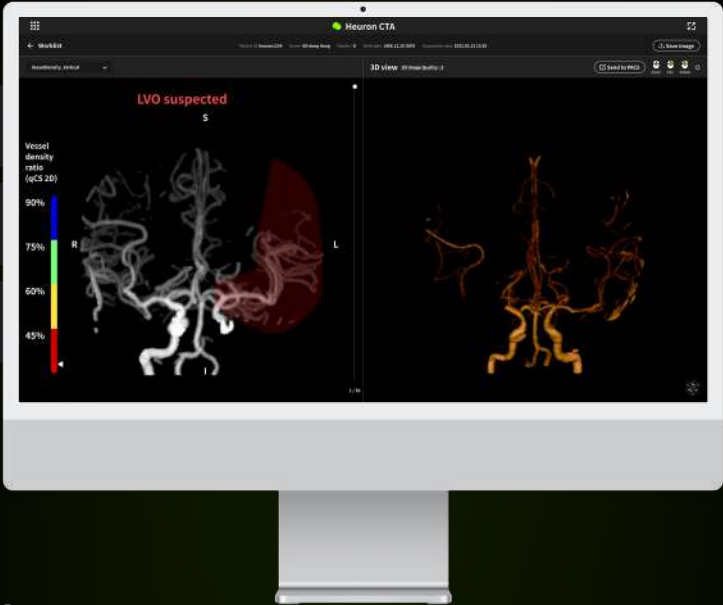


Automated Identification of Large Vessel Occlusions

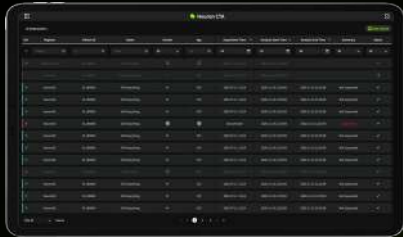
Heuron CTA

- ✔ CT Angiography Analysis
- ✔ Faster Decision-Making
- ✔ Customized Viewer Options

*Research Use Only



Detects emergent LVOs and indicates
the relevant hemisphere based on CT Angiography



Workflow Improvement

Quickly analyzes CT angiography and
detects suspected large vessel occlusions (LVOs).



Easy Interpretation

Visualizes vessel segments of suspected LVO, quantifies
collateral status with density, aiding prompt and accurate treatment decisions.



Supported Features

Offers the option to reconstruct vessels in either 2D or 3D,
catering to the preferences of physicians for optimal visualization.



Scan to Connect and
Discover More