

Comprehensive Stroke Triage AI Solution Heuron StroCare Suite™



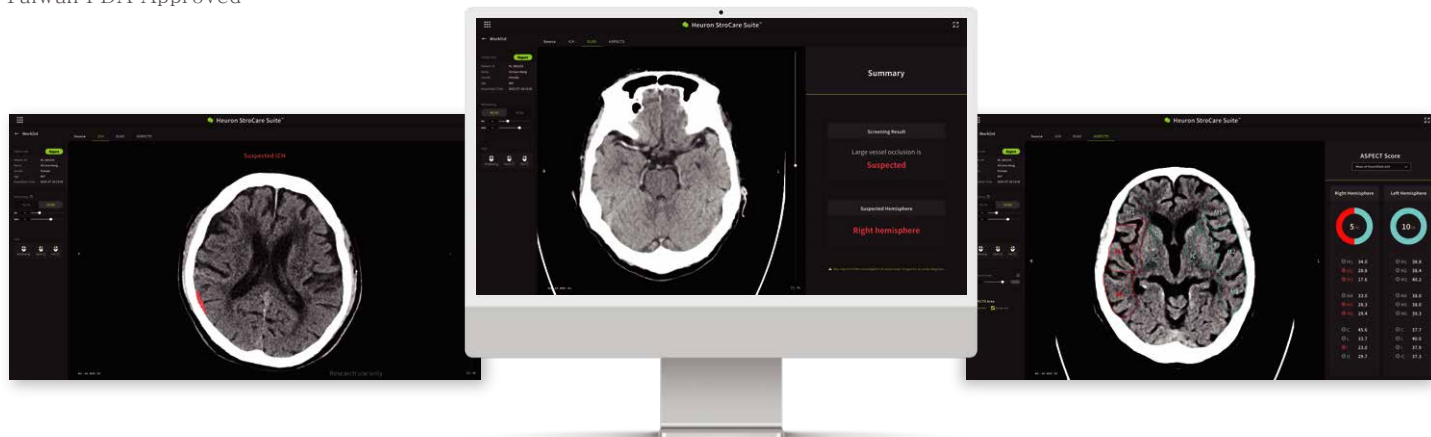
Faster Triage, Prompt Actions



Korean MFDS Approved

FDA 510(k) Cleared for Heuron ICH

Taiwan FDA Approved



Heuron ICH

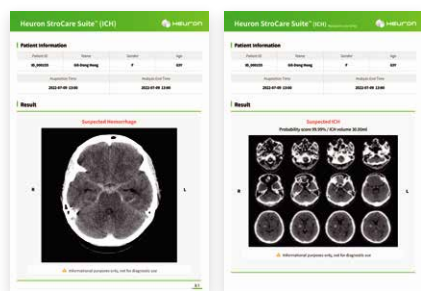
Intracranial Hemorrhage

Heuron ELVO

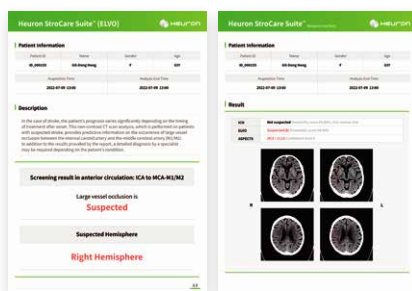
Emergent Large Vessel Occlusion

Heuron ASPECTS

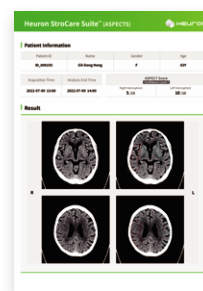
ASPECT Score



*Research Use Only



*Research Use Only



Faster with Non-Contrast CT.

Within 3 minutes, emergency stroke patients are identified, ASPECT scores 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.

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
- Highlights suspected lesion areas and measures volume (ml)

*Research Use Only

High Performance in Identifying Hemorrhagic Stroke Patients

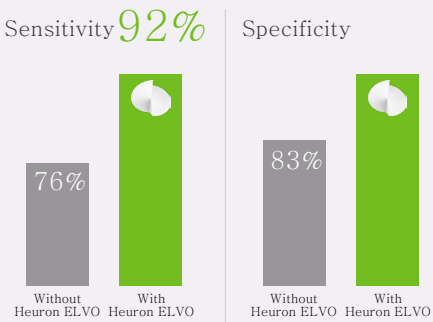
	Sensitivity	96%	Specificity
	GT-Positive GT-Negative		
Heuron Positive		102	
Heuron Negative		4	

*GT: Ground Truth Source: External Clinical Institute

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

Improvement in the Diagnostic Accuracy of Physicians Using Heuron ELVO



Source: External Clinical Institute

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

High Level of Agreement in Interpretation between Heuron ASPECTS and Specialists

Mean Diff. (Bland-Altman) 0.03

Dichotomized Classification Performance

ASPECTS>4	ASPECTS>6
94%	95%

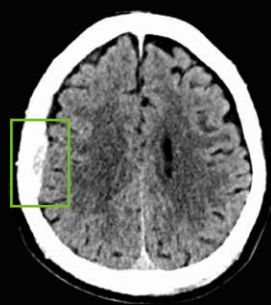
Source: Lee S-J, et al. J NeuroIntervent Surg 2023;0:1 - 7.

Heuron StroCare Suite™ Analysis Results

Clinical Case

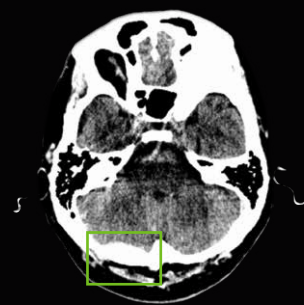
Heuron ICH Results: Suspected Hemorrhage

CASE 01



Minimal acute subdural hematoma in the right front temporoparietal lobe

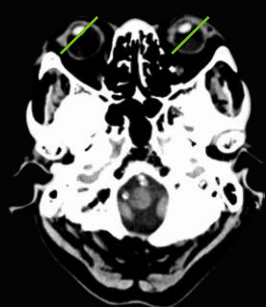
CASE 02



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

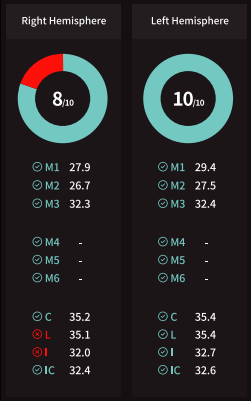
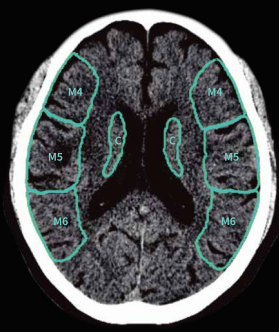


Early Ischemic Change

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



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)

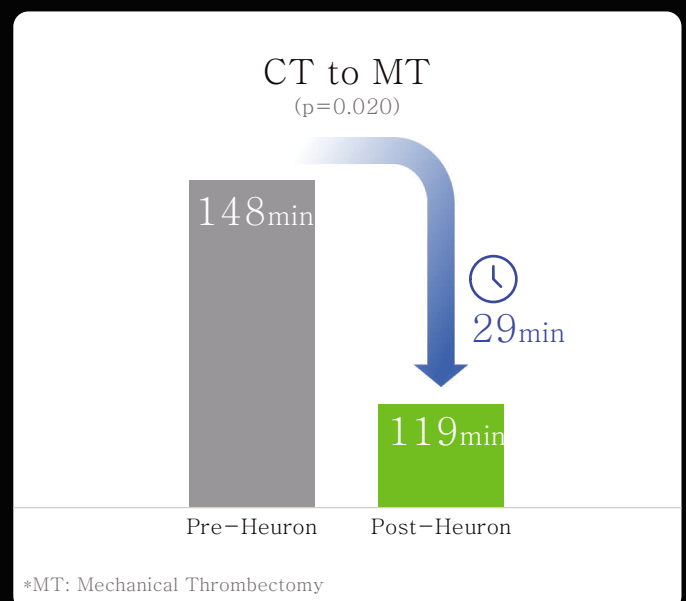
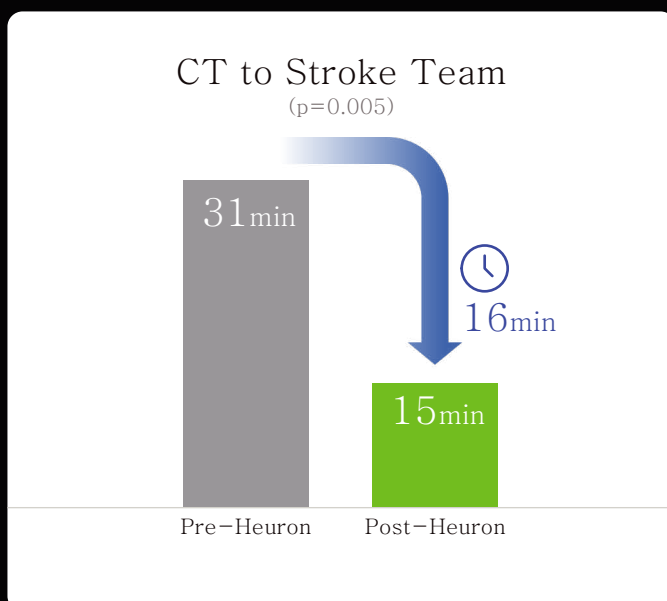
Result Interpretation
and Additional Examination

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.



Faster Triage, Prompt Actions
Because Time Matters.



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