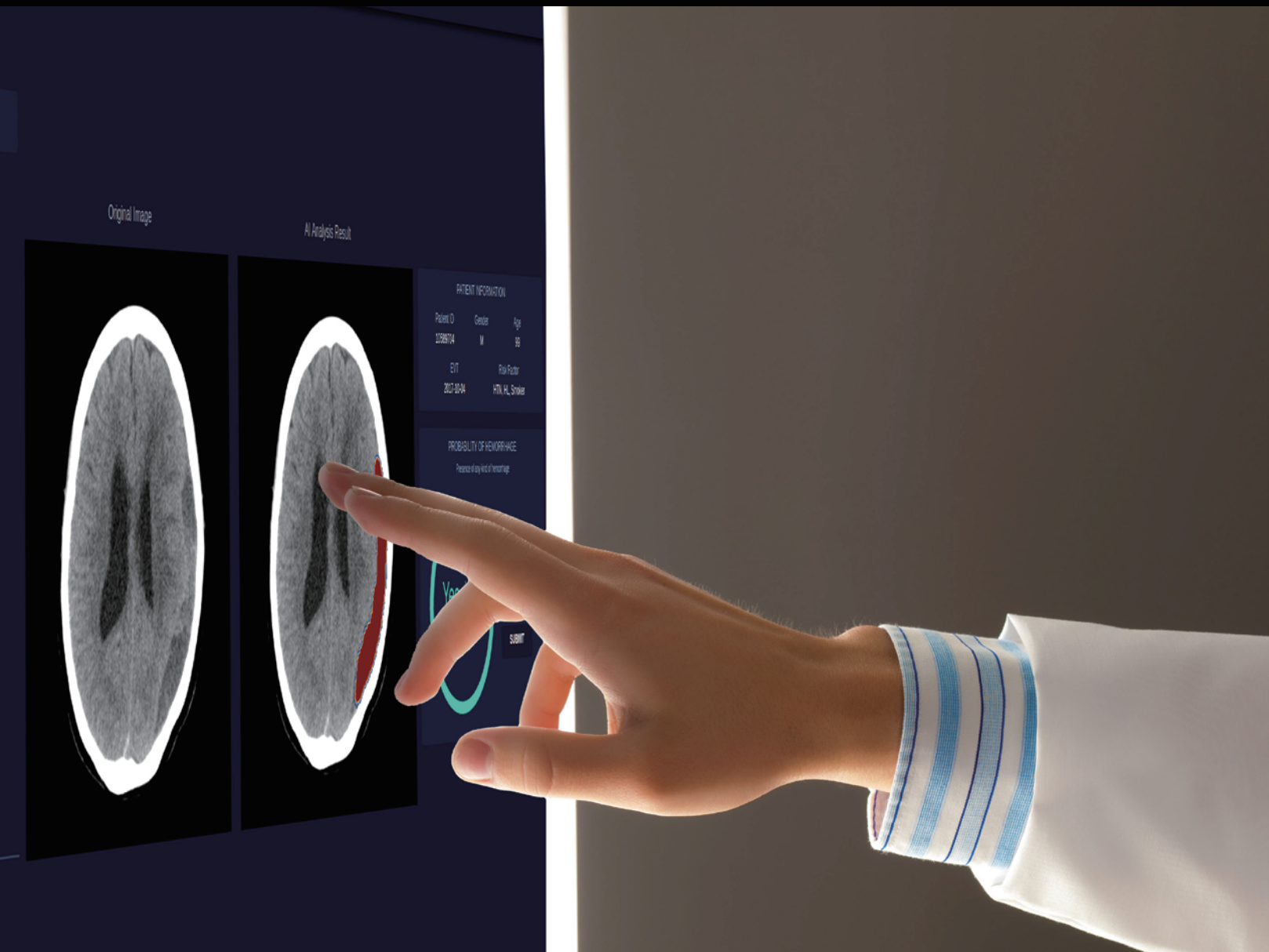
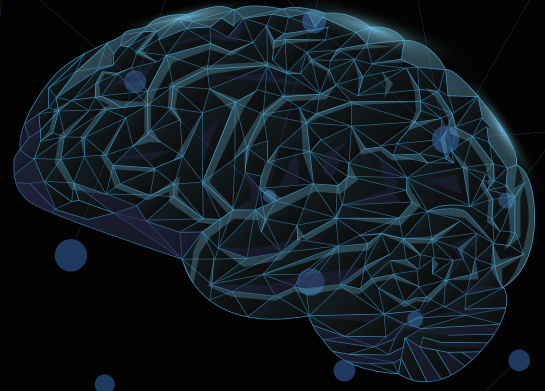


AI for Human Benefit, Everywhere

JBS-08K

AI based Stroke Total Solution



MEDIHUB STROKE





JBS-08K

AI based Hyperacute Clot Subtype Analysis Solution

Summary

An Ischemic stroke occurs when a blood clot blocks a blood vessel, preventing sufficient blood flow to each cell. There are two major treatment methods for Ischemic stroke such as thrombolytic drug administration and vascular insertion. For thrombolytic drugs, there is a risk of progression to cerebral hemorrhage, so it is important to know the exact onset time and progress. Therefore, analyzing the image signal information that can determine the exact progress status and cause of occurrence can help doctors to provide accurate treatment.

JBS-08K provides information on clot type analysis to assist in proper treatment progress.

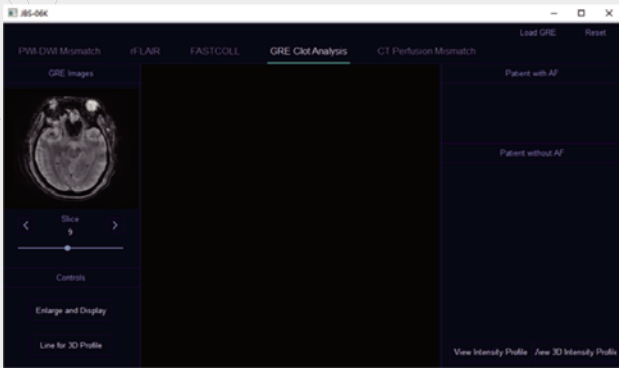
Key Components & Performance

- Analysis Time within 300 seconds
- Display analysis result within the program-based user interface

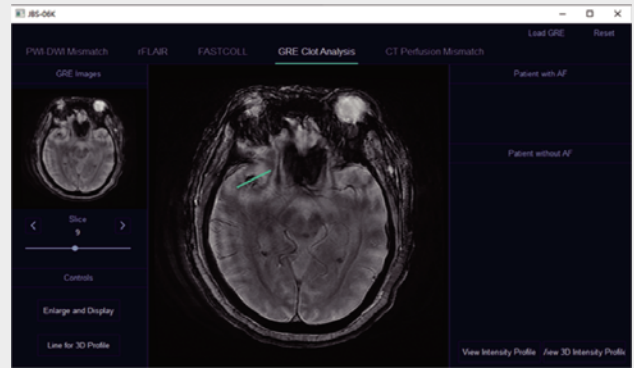
Input / Output

- **Input Data** Patient's Brain MRI DICOM (GRE), Clot location
- **Output Information** Probability of clot and A-fib clot

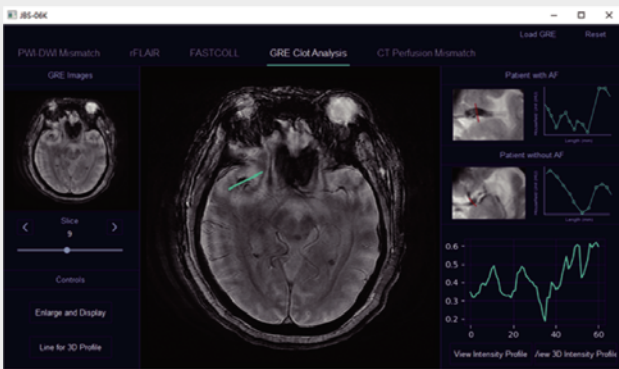
Solution UI



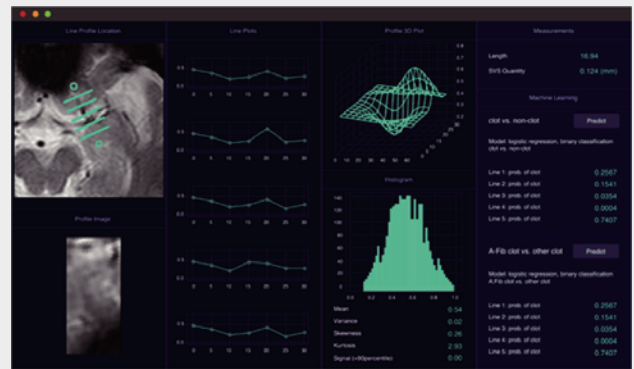
1 Slice selection UI



2 Clot location selection UI



3 Clot intensity analysis UI



4 Clot type analysis UI

Unique Functionality

- DWI, PWI lesion Localization function
- Provides data for each vascular phase that can judge the severity of Ischemic stroke
- Provides survival rate by estimated time within the lesion area
- 5 segmented analysis of the marked thrombus area



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