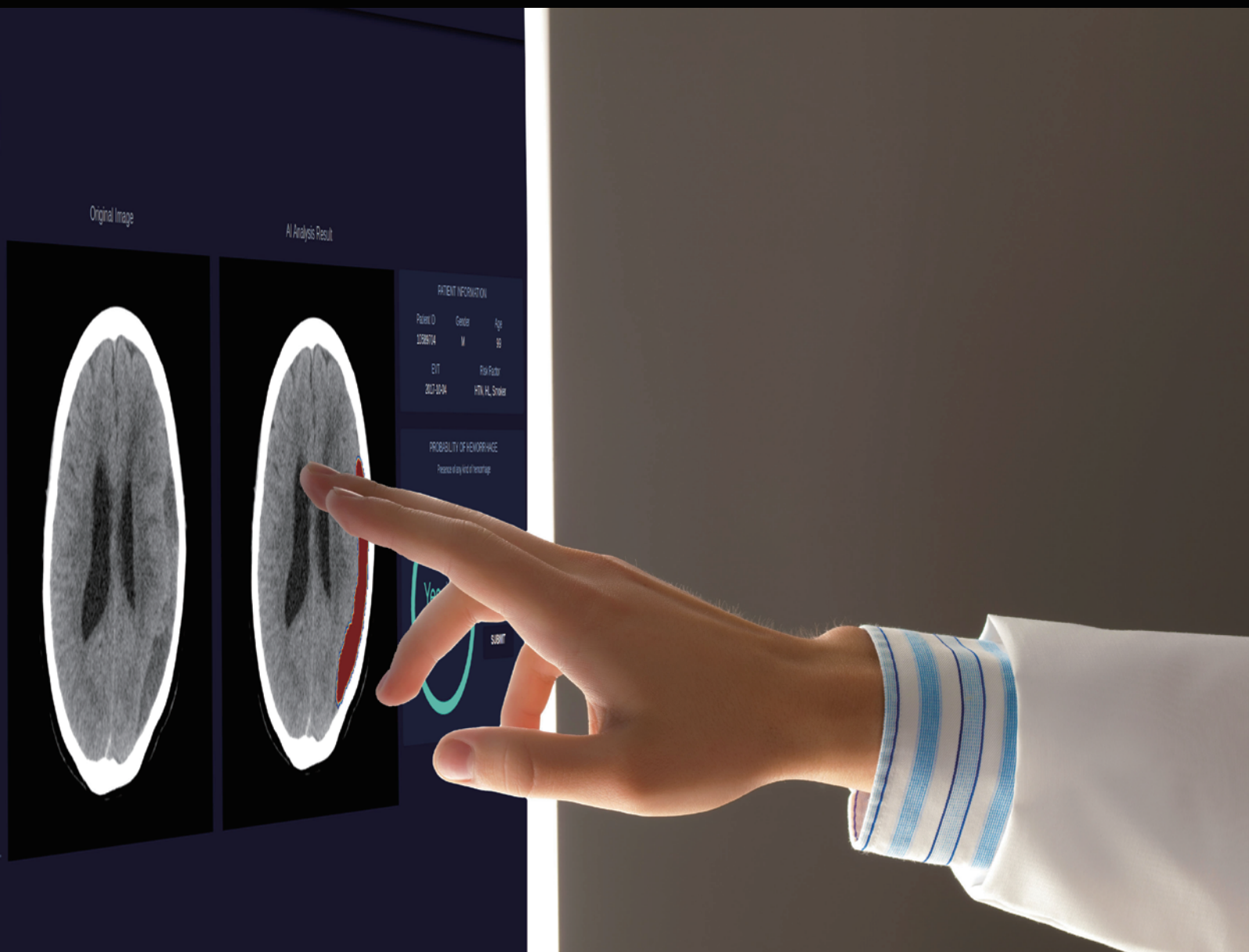
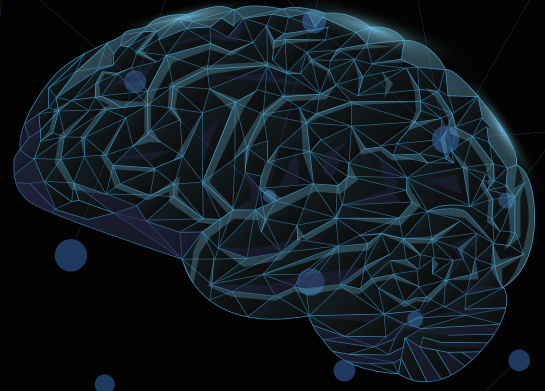


AI for Human Benefit, Everywhere

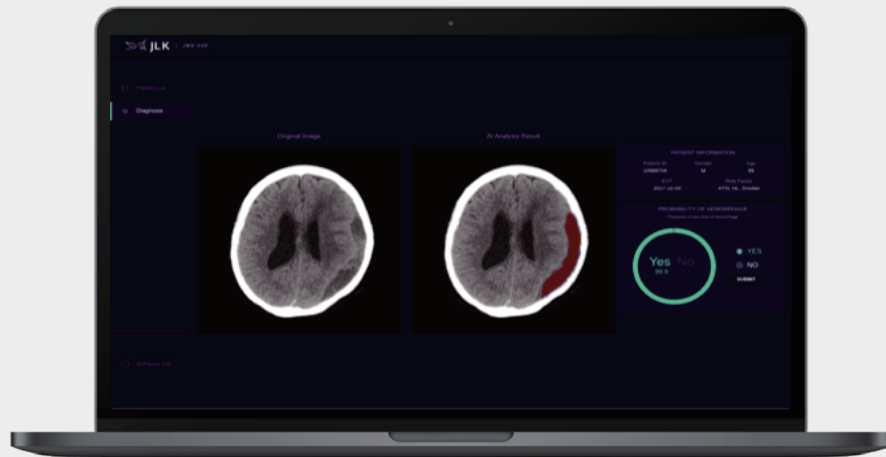
# JBS-11K

AI based Stroke Total Solution



MEDIHUB STROKE





# JBS-11K

## AI based Subarachnoid Hemorrhagic Stroke Detection Solution

### | Summary

Cerebral hemorrhage is a disease caused by an external shock, high blood pressure, and rupture of the cerebral blood vessels due to a cerebral aneurysm. And depending on the cause, area, and amount of bleeding, it is treated with medication or emergency surgery.

JBS-11K is a medical solution based on artificial intelligence, which detects cerebral hemorrhage from patient brain CT. This solution targets fast cerebral hemorrhage diagnosis in emergency situations and provides a lesion area and location for cerebral hemorrhage analysis.

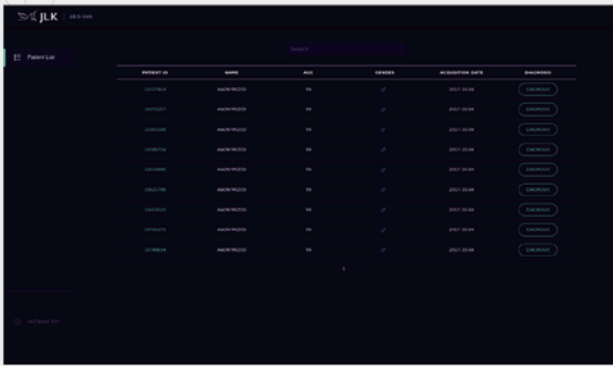
### | Key Components & Performance

- Single Data Center AUC 98.35%
- Analysis Time within 10 seconds
- Convenient patient data management through PACS interworking
- Display analysis result within the web-based user interface

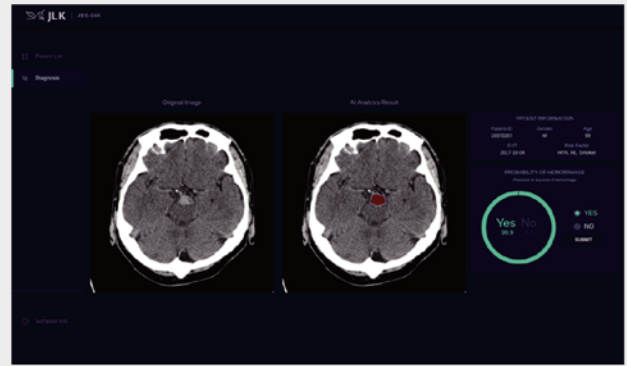
### | Input / Output

- **Input Data**                      Patient's Brain CT DICOM
- **Output Information**        Cerebral Hemorrhage Area, Cerebral Hemorrhage Probability

## Solution UI



1 Analyzed Cerebral hemorrhage patients list UI



2 Cerebral Hemorrhage Analysis result UI

## Unique Functionality

- Provide Subarachnoid Hemorrhage(SAH) location and probability
- Provide fast analysis and result for emergency situations
- Provide by visualizing the detected cerebral hemorrhage area



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