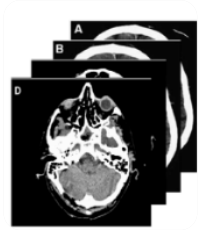
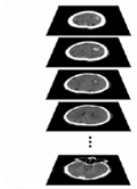
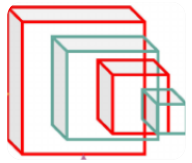
Web Interface Workflow for AI-Assisted Hemorrhage Diagnosis



User uploads 3D CT scan



Preprocessing & Input Handling



3D CNN Classification Model

Confidence Score > 0.5

Prediction

Display result

Normal

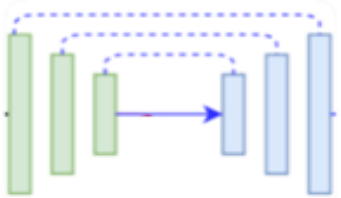
EXIT

Hemorrhagic

Proceed with detailed hemorrhage analysis?

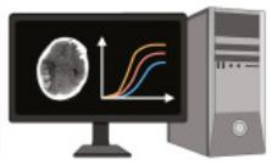
Yes

3D Segmentation Model



Load 3D V-Net Model

Display



Segmentation

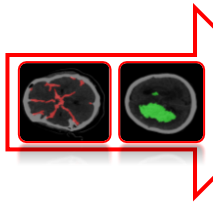
Bleeding Region Prediction

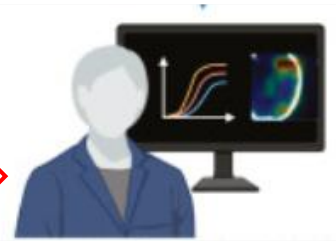
Categorize As

Intra-Axial

Extra-Axial

Both





Clinician's diagnosis supported by AI-based decision tool

System Demonstration