

# AneurysmDoc

AI-based Morphological Analysis for Brain Aneurysm



### Auto-Detection

- Auto-localization and segmentation of the aneurysm
- Advanced visualization for aneurysm and parent arteries



### Precise Quantification

- Morphological measurement up to 16 parameters of aneurysm
- Risk prediction of aneurysm rupture



### Reporting

- Structured report generated by AI



Careverse



## Digital Doctor Platform



### Digital Heart

- Coronary CTA
- Plaque Analysis
- CT-FFR
- Calcium Score
- FAI/TAG
- Aorta
- Pulmonary
- Extremity
- MRA
- CMR Viewer
- CMR Function
- CMR Strain
- Echocardiogram



### Digital Brain

- NCCT
- ASPECTS
- CTP
- Head&neck CTA
- LVO
- Aneurysm
- Collateral Circulation
- Brain MRA
- DWI Infarction
- Brain Segmentation
- Carotid Ultrasound
- Thyroid Ultrasound



### Digital Chest

- Lung Nodule
- Pneumonia
- Emphysema
- Breast Ultrasound
- Chest X-ray
- Breast Mammography



### Digital Abdomen

- Liver CT
- Liver MRI



### Digital MSK

- Bone Density
- Rib Fracture
- Bone Age



### LLMs

- Multimodal Capabilities
- Interactivity Enhancement
- Reporting Efficiency
- Clinical Interpretation
- Integrated Quality Control
- Full EMR Support
- Highly Efficient Workflow



60+

AI Applications

4,000+

Installations Worldwide

400+

SCI Publications

300+

Patented Technologies



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Healthcare Copilot

Careverse  
Digital Brain



## Digital Brain

AI Solution for Acute and Chronic Cerebrovascular Diseases



### Full Automation

Scan-to-report Workflow



### Optimal Efficiency

Results Delivered in 3 mins



### Proven Excellence

Multicenter Real-world Trials

## StrokeDoc

Smart Triage and Risk Assessment for Acute Stroke



### Fast Triage and Identification

- Patient triage in seconds, facilitating faster treatment and transfer decisions



### Precise Quantification

- Localization, classification and quantification of cerebral hemorrhage and midline shift
- AI-based brain territorial segmentation, ischemic lesion detection and ASPECTS auto-calculation



### Reporting and Follow-ups

- AI-assisted structured report and smart follow-ups for hemorrhagic patients



## Head and Neck CTADoc

Smart Solution for Head and Neck CTA



### Highly Efficient Fully-automated Workflow

- Scan-to-report time reduced from 14.2 minutes to 4.9 minutes, number of clicks reduced from 115 to 4
- Diagnosis and reporting time shortened from 28.8 minutes to 12.4 minutes



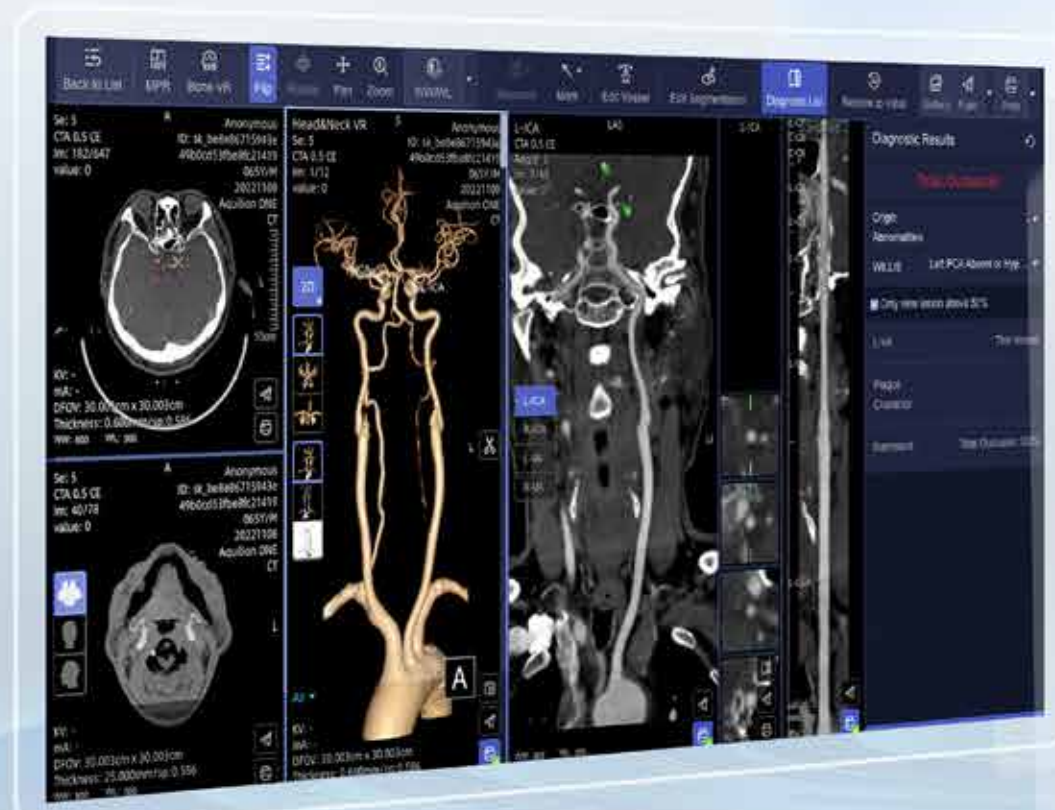
### Robust AI-assisted Diagnosis

- Stenosis detection up to secondary branches, with 94% overall accuracy
- Identification of abnormality origin and variation of circle of Willis
- Detection and quantification of aneurysms, plaques and stents



### Wide Adoption in Radiology Workflow

- 2,000+ installed-base with high user retention rate



## CTPDoc

Smart Solution for Brain CT Perfusion



### Automated Localization and Quality Control

- Arteriovenous point, TDC curve, ischemia core and hypoperfusion area



### Precise Quantification

- Quantitative analysis on color-coded functional maps for CBV, CBF, MTT, TTP and Tmax
- Ischemia core volume, hypoperfusion area volume, mismatch volume mismatch ratio
- Brain territory segmentation and quantification in conical map



### Reporting

- AI-assisted structured report generation

