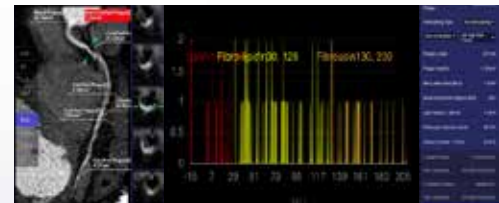


AI-powered Cardiology Research Platform

Advanced AI Tools

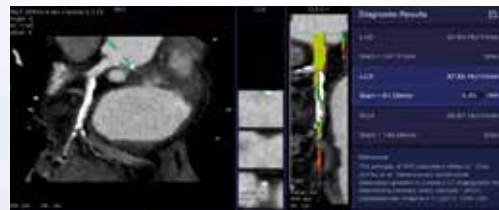
Including Plaque Analysis, FAI, TAG, Cardiac Function, CMR and Coronary MR Angiography



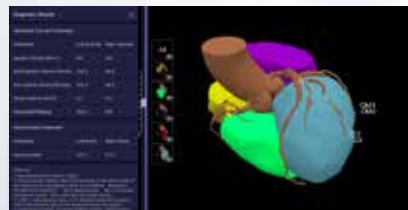
Plaque Imaging



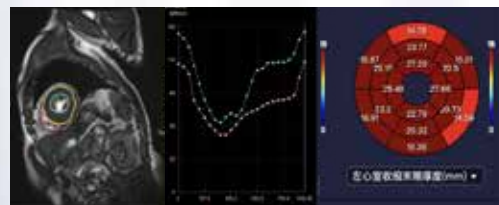
FAI



TAG



Cardiac Function



CMR



Coronary MR Angiography

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



• CT • MR • DR • US

FDA CE UK CA Pmda NMPA

60+

AI Applications

4,000+

Installations Worldwide

400+

SCI Publications

300+

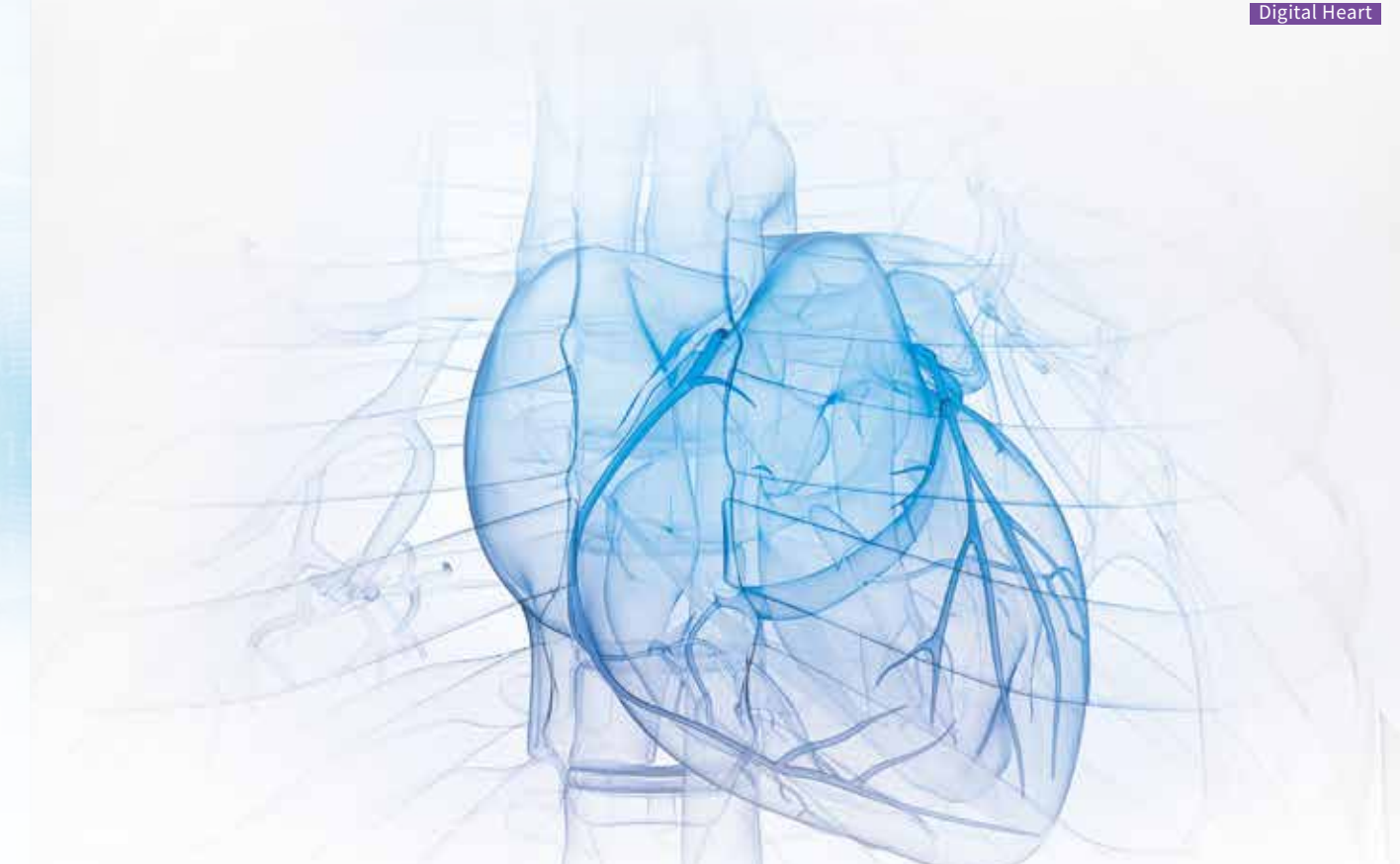
Patented Technologies



LEARN MORE

Healthcare Copilot

Careverse
Digital Heart



Digital Heart

Revolutionize Cardiac Imaging with AI-powered Solutions



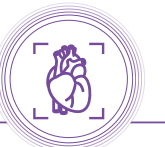
Full Automation

Scan-to-report Workflow



Optimal Efficiency

Results Delivered in 3 mins



Proven Excellence

Multicenter Real-world Trials

Coronary Artery Calcium Score (CACScoreDoc)

Innovative Screening Tool for High-risk Population for CAD



Support gated and non-gated CAC



Automatically detect and quantify coronary calcification



Enhance accuracy with motion artifact correction



Generate structured CAC reports with one click

Plaque Analysis

- Automated detection, segmentation and classification of coronary plaque
- Quantitative analysis, including volume, max area of cross-section, burden, and etc.
- Follow-ups on plaque progression



CoronaryDoc

“Scan-to-report” AI Solution for Coronary CTA in 1 Min



Seamlessly Integrated Fully-automated Workflow

- End-to-end coverage, including image quality assessment, post-processing, stenosis interpretation, reporting and filming
- Outstanding reconstruction of difficult cases, including multiple stents, CTO, myocardial bridge, multiple bypass, diffused calcification, kawasaki disease and etc.



Robust AI-assisted Diagnosis

- Stenosis detection with 93% sensitivity and 97% specificity, stratification of stenosis severity in SCCT standard
- Identification of arterial dominance and origin abnormality
- Detection and quantification of plaque, myocardial bridge, bypass, and stent



Wide Adoption in Radiology Workflow

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



Careverse-FFR

Deep-learning Based Non-invasive Myocardial Ischemia Evaluation



Fully-automated workflow

- From coronary CTA scan to CT-FFR report in 3 minutes with zero clicks



Clinical Accuracy

- Large-scale multicentered real-world validation
- The operation time shortened by 3 times, and number of clicks reduced from 60 to 1
- >99% computation success rate



Data Security

- Analysis performed under a supervised environment by users

