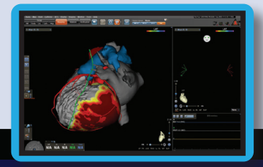
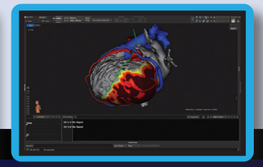
SEAMLESS INTEGRATION INTO EAM SYSTEMS

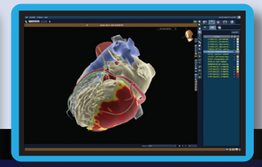
Carto®



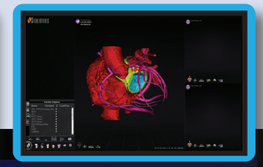
Rhythmia™

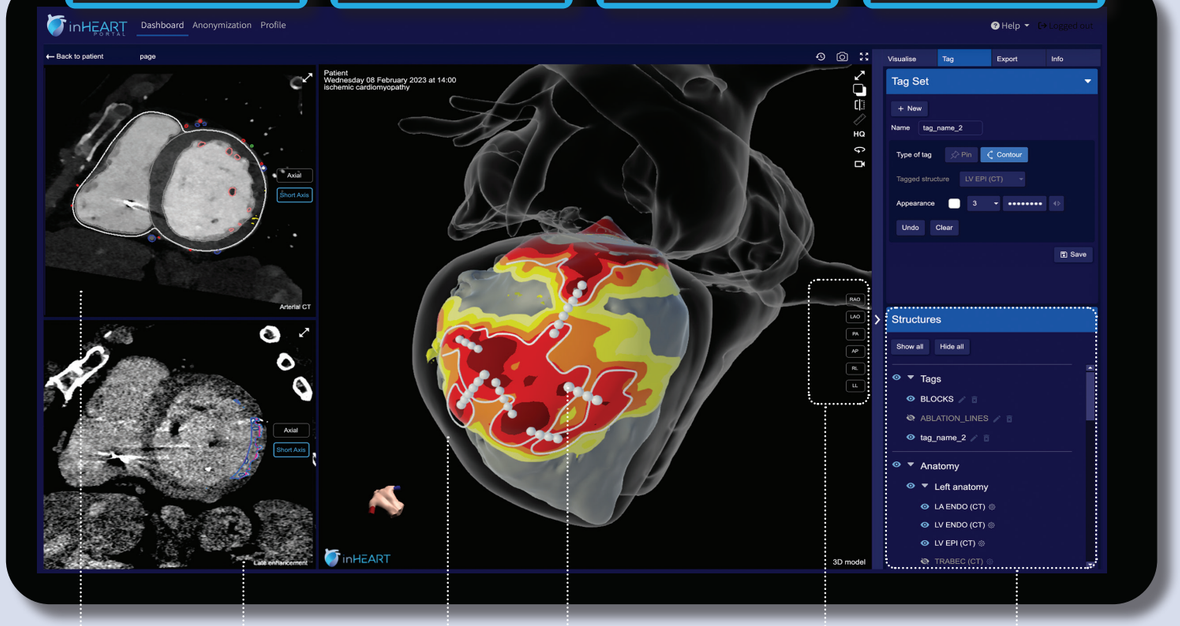


Ensite™



Stereotaxis™





CT DATA SOURCE

LATE CT OR MRI DATA SOURCE

INTERACTIVE 3D MODEL

PLANNING ANNOTATION

STANDARD VIEWS RAO / LAO / AP / PA / RL / LL

PREDEFINED ADAPTABLE STRUCTURES

At inHEART, we are committed to ongoing clinical research to support the advancement of cardiac care. Our innovative solution has been cited in more than 50 scientific publications in leading cardiac journals. Scan QR code to access full list of publications.

inHEART

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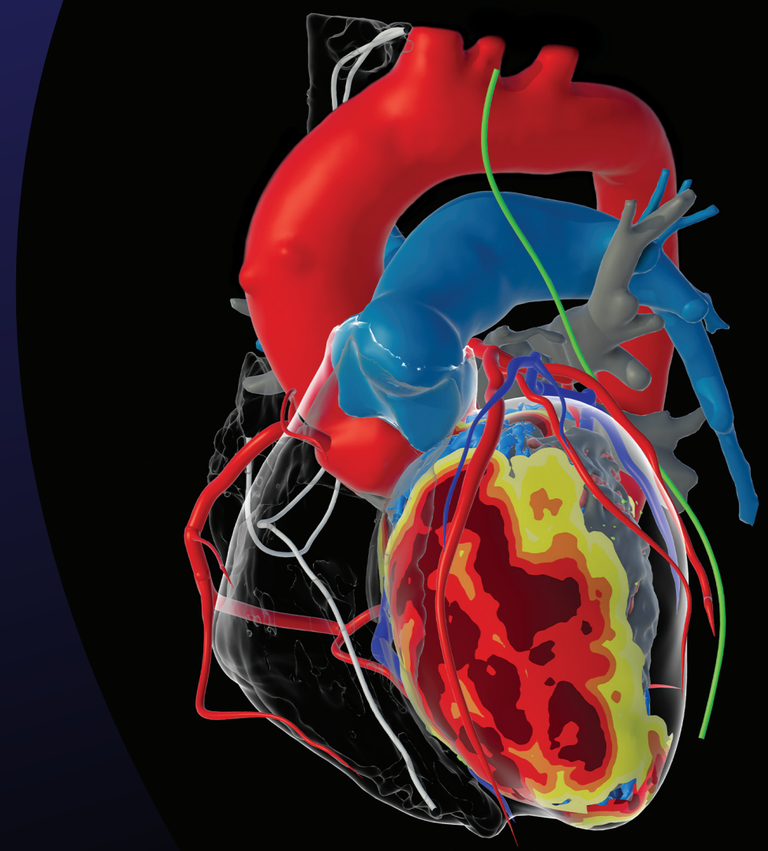
inHEART

The world's most advanced, AI-enabled
DIGITAL TWIN OF THE HEART
for image-guided ablations

VISUALIZE
Unparalleled anatomical insights

PERSONALIZE
Optimized ablation strategies

TREAT
Improved clinical outcomes



Advanced, 3D cardiac models from inHEART's proprietary AI segmentation algorithm for CT and MR images

WORLD-CLASS EXPERTISE AT YOUR FINGERTIPS

Cloud-based inHEART platform allows for interactive exploration of cardiac anatomy, principal and collateral structures, and myocardial tissue characteristics.

PROCESS WORKFLOW

Simple, Secure, and Timely - inHEART's cloud-based solution produces 3D cardiac models in three simple steps.

1 | UPLOAD
Anonymized patient CT / MRI scans to inHEART server

2 | GENERATE
inHEART's proprietary algorithms produce 3D rendered models with 24 hour turnaround

3 | VISUALIZE
A digital twin of the patient's heart

FULL 4-CHAMBER CARDIAC ANATOMY

VENTRICLES
- LEFT & RIGHT CHAMBERS
- TRABECULATIONS
- PAPILLARY MUSCLES

ATRIA
- LEFT & RIGHT CHAMBERS
- APPENDAGES
- PULMONARY VEINS
- FOSSA OVALIS

EPICARDIUM

COLLATERAL STRUCTURES

VESSELS
- AORTA
- PULMONARY ARTERY
- CORONARY SINUS / VEIN OF MARSHALL
- CORONARY ARTERIES
- PHRENIC

ESOPHAGUS & STOMACH

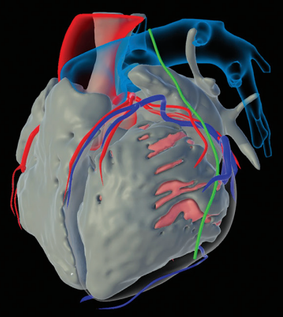
DEVICES
- LEADS
- LVAD
- STENTS
- PROSTHETIC VALVES

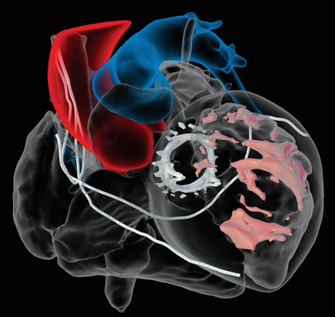
TISSUE CHARACTERISTICS

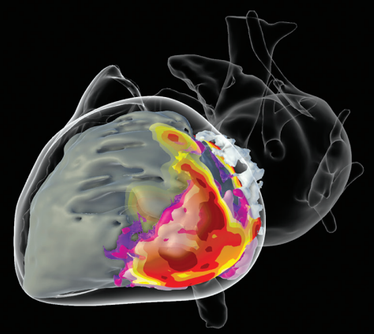
HEALTHY MYOCARDIUM

SUBSTRATE
- FIBROSIS (HETEROGENEITY / TRANSMURALITY)
- WALL THICKNESS
- CALCIFICATIONS
- FAT

PRIOR ABLATION LESIONS
- DARKCORE
- BRIGHTCORE







SEE MORE THAN EVER BEFORE

- Unprecedented visualization of anatomical details of tissue and structural characteristics
- Algorithm built with world-renowned cardiac imaging expertise
- Pre-procedural access allows for detailed treatment planning before the procedure begins - focus on the ablation, not planning, during the procedure

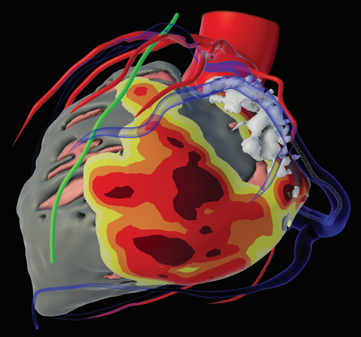
REDUCES PROCEDURE TIMES BY 60% [1]

Inform strategies prior to the procedure to reduce intraprocedural planning

REDUCES RECURRENCE BY 38% [1]

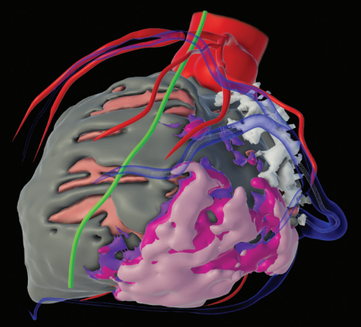
Image-guided VT ablations experience greater success rates than conventional

VENTRICULAR APPLICATIONS



Ischemic Ventricular Tachycardia

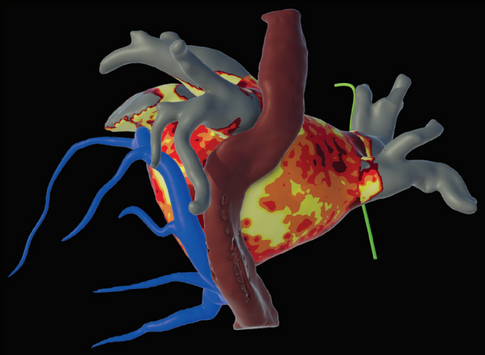
Help identify critical circuits for targeting with proprietary wall thinning algorithms



Nonischemic Ventricular Tachycardia

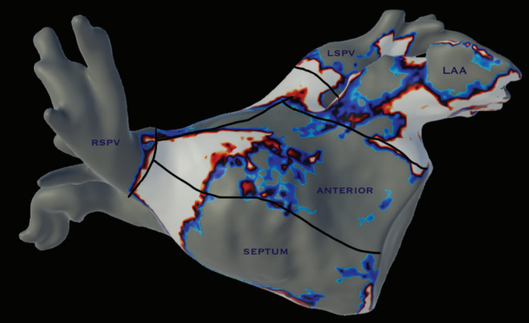
Localize regional scar including transmurality

ATRIAL APPLICATIONS



Atrial Fibrillation

Visualize detailed atrial substrate and anatomical insights to advance therapy options



Cardioneural Ablation

Confirm Ganglia Plexi spatially prior to vascular access

1. Data on file.