

Silicone Heart Model

From CT & MRI Data to Realistic Physical Replicas



Why This Matters?

Medical teams often rely on imaging or limited physical models, making it difficult to fully understand complex anatomy or conduct repeated hands-on practice.

Our approach bridges this gap by turning actual CT and MRI data into physical, usable models.



CT scan
(3D Model)

What We Enable

We create anatomically accurate **silicone heart models** using **CT and MRI data**. These models provide a realistic and tactile representation of cardiac anatomy, helping medical professionals better visualize, familiarize, and prepare for complex procedures.

Key Features



Enhanced surgical planning



Realistic procedure simulation



Improved patient communication



Training and education support



Reduced surgical risks



Cost-efficient alternative

Where It Creates Impact



Medical Professionals

Pre-operation review and anatomical familiarization



Students & Institutions

Hands-on learning and repeated practice



Training Programs

Standardized models for group simulation

Why Silicone?

Compared to rigid 3D printed models, silicone provides a softer, more lifelike feel when practicing surgical techniques.

Discover how this solution can support your needs.

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