

# Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

## Cardiovascular Model Repository

RRID:SCR\_002679

Type: Tool

### Proper Citation

Cardiovascular Model Repository (RRID:SCR\_002679)

### Resource Information

**URL:** <https://simtk.org/home/cv-gmodels>

**Proper Citation:** Cardiovascular Model Repository (RRID:SCR\_002679)

**Description:** Repository of geometric models collected from on-going and past research projects in the Cardiovascular Biomechanics Research Laboratory at Stanford University. The geometric models are mostly built from imaging data of healthy and diseased individuals. For each of the models, a short description is given with a reference. The geometric models are in VTK PolyData XML .vtp format. \* Audience: Biomechanical and computational researchers interested in complex models of cardiovascular applications \* Long Term Goals and Related Uses: Allow users to download geometric models for cardiovascular applications. These geometric models can be used for research purposes, such as meshing and scientific visualization. Users are welcome to contact the project administrator, join the project and contribute additional models.

**Resource Type:** service resource, data repository, image collection, data or information resource, storage service resource

**Keywords:** aneurysm, arteriofemoral bypass, cardiovascular simulation, image-based geometric modeling, simvascular, stent, vtk, healthy, diseased, normal, cardiovascular, model, cardiovascular model, cardiovascular system, bypass, palmaz-stent, aorta, source code

**Related Condition:** Normal, Cardiovascular disease, Healthy

**Availability:** Free, Available for download, Freely available

**Resource Name:** Cardiovascular Model Repository

**Resource ID:** SCR\_002679

**Alternate IDs:** nif-0000-23301

**Record Creation Time:** 20220129T080214+0000

**Record Last Update:** 20260731T042633+0000

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## Ratings and Alerts

No rating or validation information has been found for Cardiovascular Model Repository.

No alerts have been found for Cardiovascular Model Repository.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.