

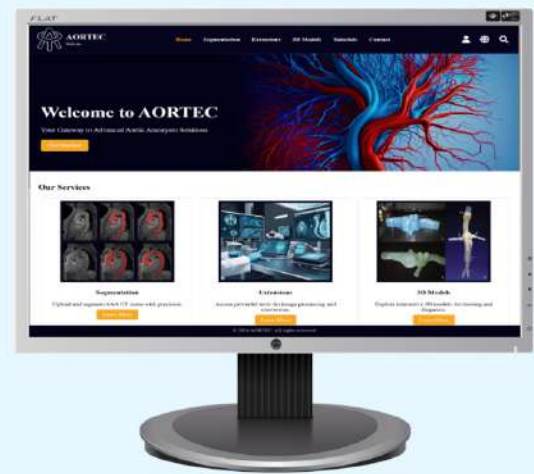
AORTEC Website

Your Gateway to Advanced Aortic Aneurysm Solutions

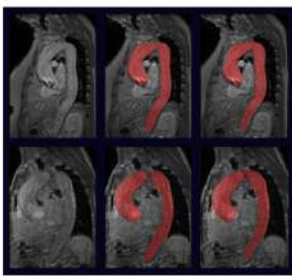
[Get Started](#)

About AORTEC

AORTEC transforms CT scans into precise 3D models, revolutionizing medical training and patient outcomes. With advanced tools and innovative services, we empower healthcare professionals to achieve excellence.

[Learn More](#)

Our Services



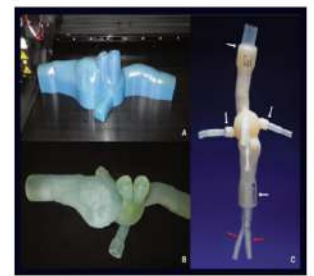
Segmentation

Upload and segment AAA CT scans with precision.

[Learn More](#)

Extensions

Access powerful tools for image processing and conversion.

[Learn More](#)

Tutorials

Step-by-step video tutorials to help you master the efficient use of AORTEC website services.

[Learn More](#)

Quick Links

[Home](#)
[About](#)
[Segmentation](#)
[Extensions](#)
[Tutorials](#)
[Contact](#)

Contact Us

Email: info@aortec.com
Phone: +123-456-7890

Follow Us



About AORTEC Website

Add Text Here.

About AORTEC

AORTEC transforms AAA (Abdominal Aortic Aneurysm) CT scans into 3D models, combining medical imaging, computer science, and web development to enhance diagnosis, treatment, and education.

What is AAA?

Abdominal Aortic Aneurysm (AAA) is the bulging or enlargement of the abdominal aorta. If untreated, it can lead to life-threatening ruptures. Early detection is essential for improved outcomes.

Challenges

- Developing advanced image processing algorithms.
- Segmenting the aorta and aneurysm from surrounding tissues.
- Converting segmented data into a 3D mesh.

Our Aim

AORTEC provides tools for:

- **Surgeons:** 3D visualization for surgical planning.
- **Patients:** Understanding their condition better.
- **Medical Students:** Interactive study of real-world cases.

Impact

- Improve patient outcomes through precise visualization.
- Enhance engagement with clear medical data.
- Advance training using real-world applications.



Quick Links

[Home](#)
[About](#)
[Segmentation](#)
[Extensions](#)
[Tutorials](#)
[Contact](#)

Contact Us

Email: info@aortec.com

Phone: +123-456-7890

Follow Us



Medical Image Segmentation

Upload and process your medical images for precise segmentation.

Upload Your Image

Choose a DICOM File

No file chosen

Supported formats: DICOM only

Preview

No file selected. Your uploaded file will be displayed here.

Results

Segmentation results will appear here after processing.



Quick Links

[Home](#)
[About](#)
[Segmentation](#)
[Extensions](#)
[Tutorials](#)
[Contact](#)

Contact Us

Email: info@aortec.com
Phone: +123-456-7890

Follow Us



Explore Our Advanced Extensions

Enhance your medical analysis with our specialized tools designed for AAA cases

01

Automated Measurement of AAA

Quickly and accurately measure the size of the aneurysm.

[Learn More](#)

02

Predict Rate of Growth

Estimate the growth rate of the aneurysm over time.

[Learn More](#)

03

Predict Risk of Rupture

Evaluate the risk of aneurysm rupture based on patient data.

[Learn More](#)

04

Simulator

Utilize AI to segment and analyze new AAA cases efficiently.

[Learn More](#)

05

Use Segmentation for Other Aneurysms

Apply our model to segment different types of aneurysms.

[Learn More](#)

?

Extra Extension Coming Soon!

We're working on exciting new tools. Have suggestions? Share them with us!

[Give Suggestions](#)

Quick Links

[Home](#)
[About](#)
[Segmentation](#)
[Extensions](#)
[Tutorials](#)
[Contact](#)

Contact Us

Email: info@aortec.com

Phone: +123-456-7890

Follow Us



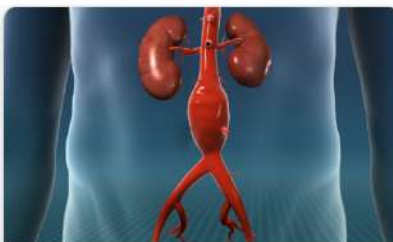
Tutorials On Using AORTEC Efficiently

Step-by-step video guides to help you master our platform.



Extracting DICOM Files

Learn how to extract and prepare DICOM files for use in the AORTEC platform.

[View Tutorial](#)

Explore Our Advanced Extensions

Enhance your medical analysis with specialized tools for AAA cases, including automated measurement, growth prediction, and rupture risk evaluation.

[View Tutorial](#)

Working with 3D Models

Tips and best practices for interacting with 3D models on the AORTEC platform.

[View Tutorial](#)

Quick Links

[Home](#)
[About](#)
[Segmentation](#)
[Extensions](#)
[Tutorials](#)
[Contact](#)

Contact Us

Email: info@aortec.com

Phone: +123-456-7890

Follow Us



Contact Us

We'd love to hear from you! Reach out to us using the form below or through the contact details provided.

Send Us a Message

Your Name

Your Email

Your Message

Send Message

Contact Information

Email: info@aortec.com

Phone: +123-456-7890

Address: College of Medicine and Health Sciences, Sultan Qaboos University, Muscat, Oman



Follow Us



Quick Links

[Home](#)
[About](#)
[Segmentation](#)
[Extensions](#)
[Tutorials](#)
[Contact](#)

Contact Us

Email: info@aortec.com

Phone: +123-456-7890

Follow Us

