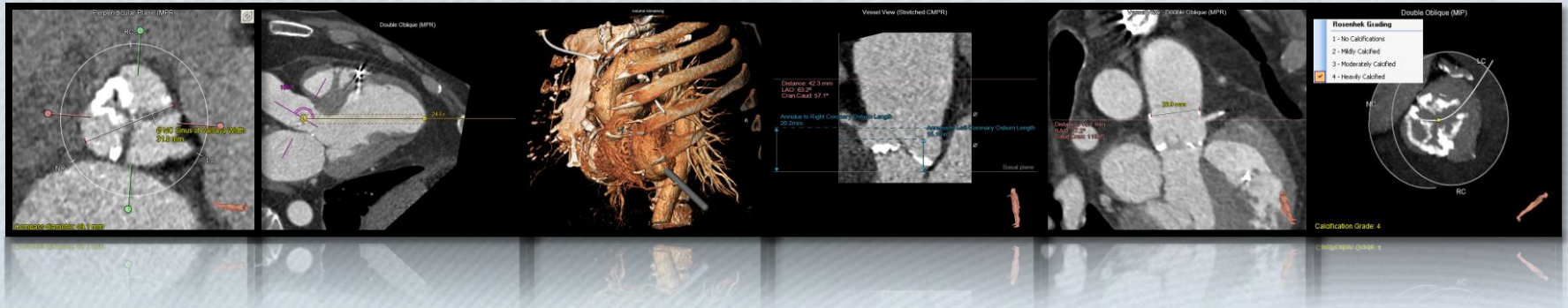




**Upgrade Presentation v4.2**

# What is 3mensio Valves?

3mensio VALVES™



Analyze Plan Anytime Anywhere ...

Advanced planning software that allows you to plan transcatheter aortic valve implantations. It simplifies your workflow, enabling you to quickly and accurately visualize & analyze the vasculature and the aortic valve

FDA & CE certified



0344 510k Cleared



# Overview Upgrade 4.2

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3mensio VALVES™

## New Workflow

- Subclavian Access Analysis

## New Features

- Angio simulation
- 4D Hockey Puck
- Growing Centreline for low contrast scans
- Tortuosity analysis tools

## Platform Improvements

- Session State
- Multichannel opacity
- Study list – Preview Images
- Integrated import/export, anonymize



# Subclavian analysis

## Analyze the Subclavian access...

- Define the area of interest by a centerline
- Get **one overview** of the complete trajectory
  - Minimal Diameter threshold
  - Tortuosity-angle and -index measurement
  - Calcification



# Subclavian Analysis

3mensio VALVES™

Evaluate Subclavian access



# New features v4.2

3mensio VALVES™

## Angio Simulation



- Asses optimal C-arm angle for:
  - Valve deployment
  - Percutaneous acces point



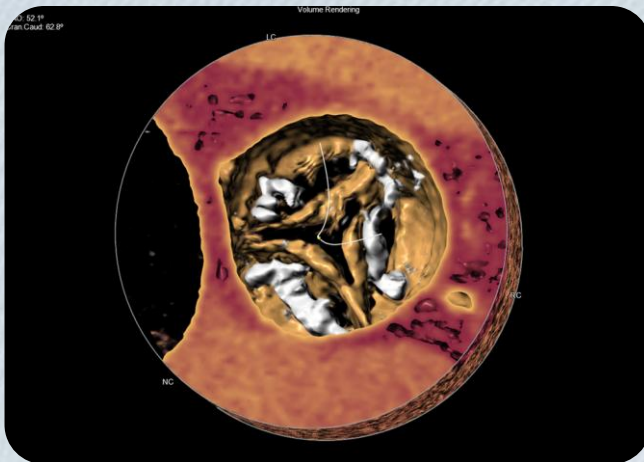
# New features v4.2

3mensio VALVES™

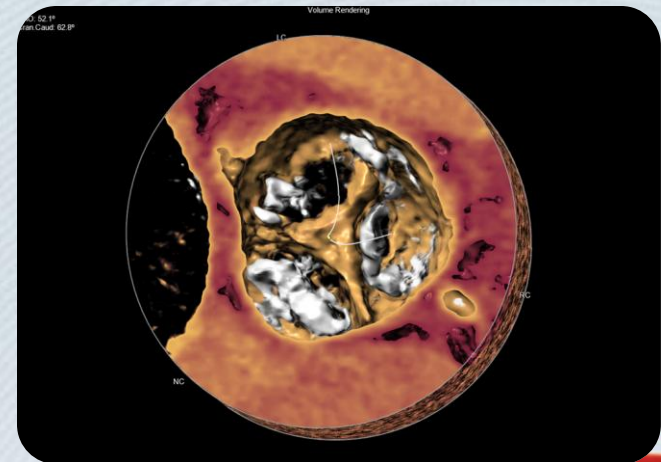
## Dynamic Visualization of Aortic Valve

- Load full cardiac cycle CT-images
- Analyze your preferred phase
- Run dynamic images of valve in Hockey Puck view

Open Aortic Valve

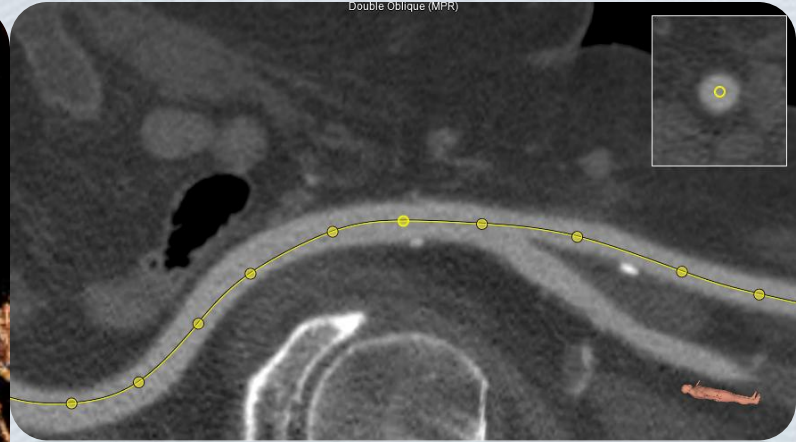
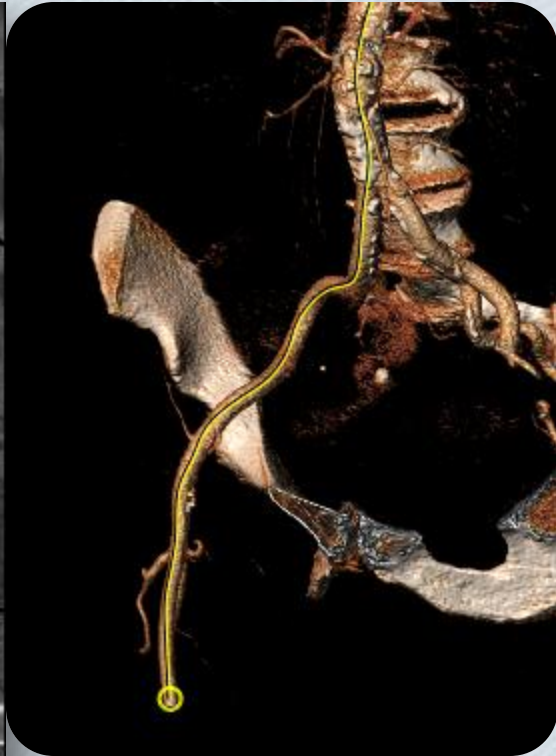
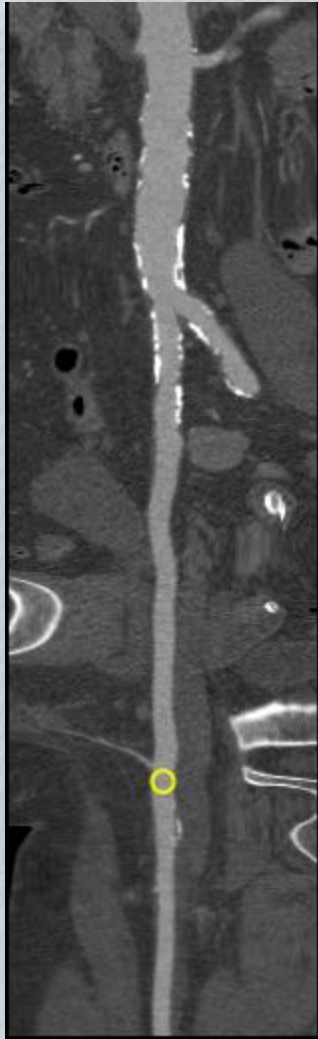


Closed Aortic Valve



# New features v4.2

3mensio VALVES™



- Grow your centerline in smaller vessels
- Regardless of segmentation
- Analyze low contrast scans for access

Growing Centerline – Subclavian & Femoral

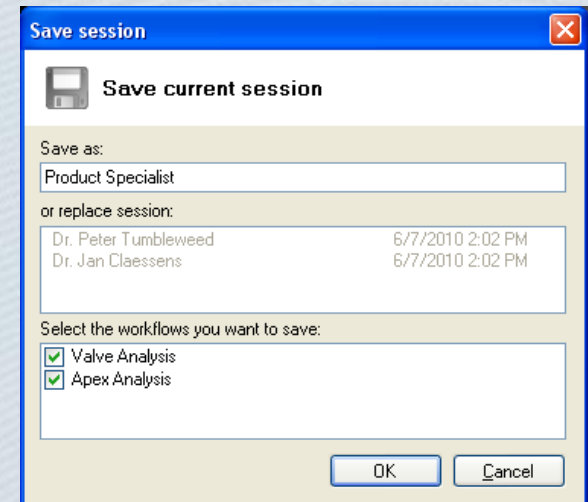


# Platform Improvements v4.2

3mensio VALVES™

## Session State

- Save your session including:
  - Open workflows and datasets
  - Measurements, segmentation and centerlines
  - Report
- Reload your session for review and referral
- Compact and efficient communication tool



# Platform Improvements v4.2

3mensio VALVES™

## Integrated Study List

- Import/Export/Anonymize
- Preview of the image data
- Selective Import/Load
- Fast search, preset queries

The screenshot displays the 'Local Data' section of the software. It features a table with columns for Patient's Name, Patient ID, Patient Sex, Date Of Birth, and Study Description. Below the table, there are tabs for 'All', 'Series', 'Reports', and 'Sessions'. The 'Series' tab is active, showing three CT scan images with their respective parameters.

Patient's Name	Patient ID	Patient Sex	Date Of Birth	Study Description
White Oak Tree, Benny	-	M	1/1/1946	1. Valve Analysis
London Plane Tree, Lana	-	-	1/1/1900	2 - Transfemoral Approach Analy
Hazelnut Tree, Anna	-	F	1/1/1900	2. Transfemoral (calcified)
Witch Hazel Tree, Laura	-	F	1/1/1922	2. Transfemoral Approach
Coconut Tree, Beatrice	-	F	1/1/1900	3 - Ultrasound
Friedrich, Chestnut Tree	-	F	1/1/1900	4 - Aortic Root Angio
<b>Smoketree, Sandy</b>	-	<b>F</b>	<b>1/1/1924</b>	<b>5 - Post-Op CV Leaflets</b>
Christmas Tree, Brigitta	-	F	1/1/1920	5. Multiphase Cardiac Valves
Oscar, Oak Tree	-	M	1/1/1921	5. Subclavian
Sequoia Tree, Hilde	-	F	1/1/1900	5. Subclavian
Jacktree, Christine	-	F	1/1/1911	8 - Post-op Corevalve
AlderTree, Eric	-	M	1/1/1938	Coronary Catheterization post-op

Series: Embolism 1.0 B2of #8 CT (411) ABDOMEN 1.0 mm; D5\_CorCTA 1.0 B26f 70... #10 CT (232) HEART 1.0 mm; D5\_CorCTA 1.0 B26f 70% #5 CT (232) HEART 1.0 mm

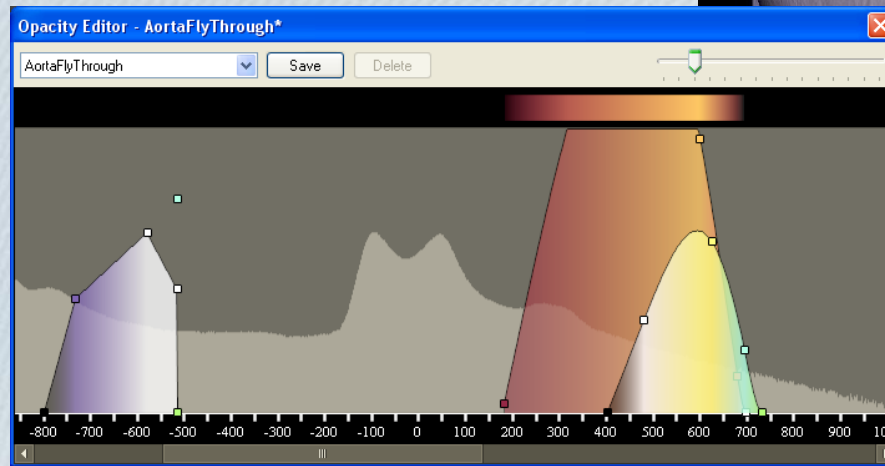
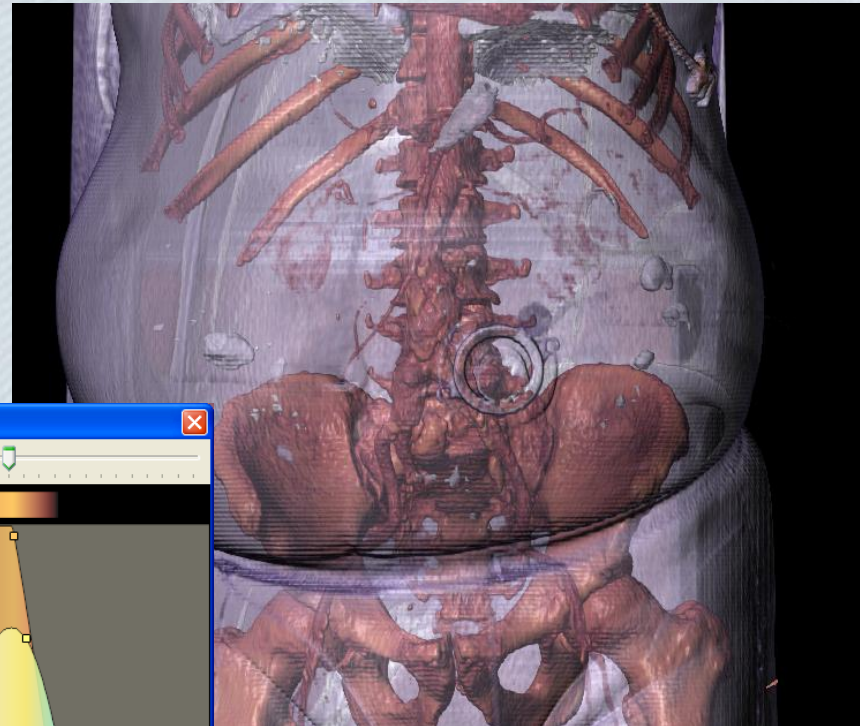


# Platform Improvements v4.2

3mensio VALVES™

## Multi Opacity Curves

- Better visualization of soft tissues
- Intuitive UI for defining curves





**Precise measuring made easy**

Additional information available online at [www.3mensio.com](http://www.3mensio.com)