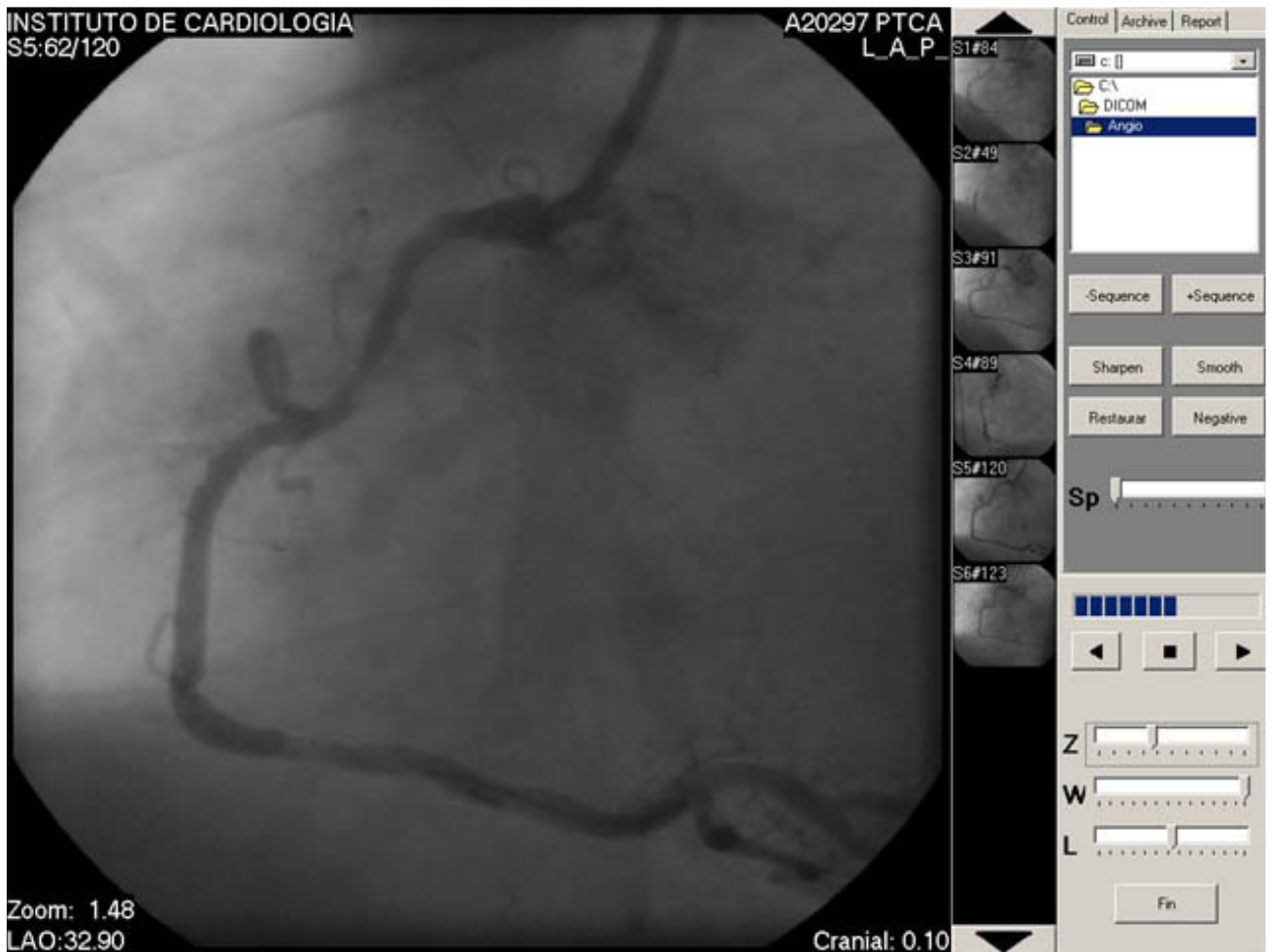


# AngioVista 3.0

## Visualization System for Angiographic Cine Sequences



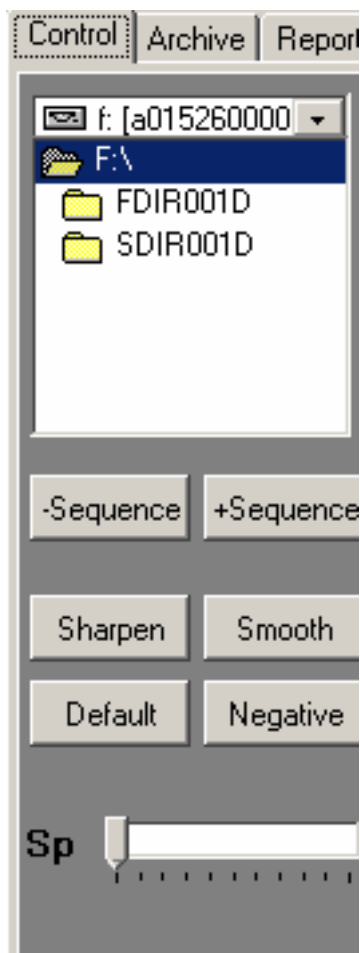
AngioVista 3.0 is a system for the visualization of DICOM images for angiography. It works under MS-Windows, it requires a Pentium IV processor with 256 MBytes of RAM, true color video card and a CD-ROM reader.

### **Main Characteristics:**

Automatically recognizes the insertion of a DICOM CD-ROM. Presents all available sequences, allowing selecting one by pressing the mouse button.

Speed adjustment slider. Annotation of images with arrows and text.

Multiformat printing. Teleradiology tools. Image filtering; sharpen and smoothing filtering. Zoom.



## Control Panel

From the control panel you can choose the directory where the image sequences reside. The program identifies any DICOM file and shows a Window Dialog where any of the patients in that directory can be selected.

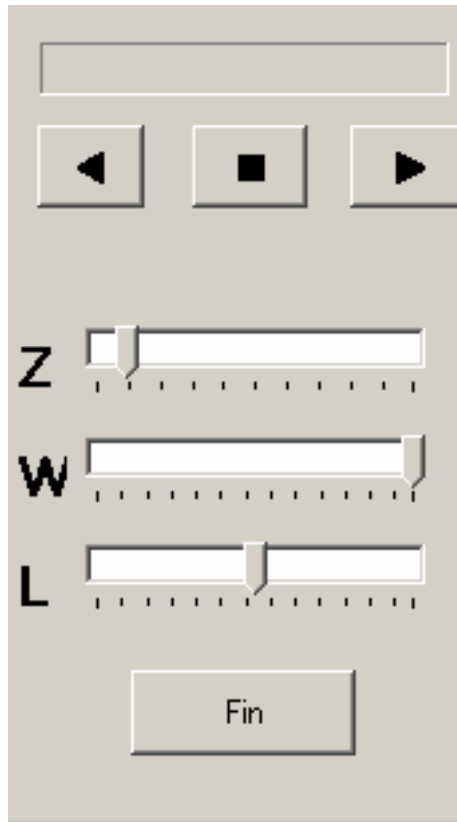
With **<-Sequence>** and **<+Sequence>** you can go from one sequence to the next or the prior one.

**<Smooth>** coases the smoothing filter, and **<Sharpen>** the sharpening one, they are real time filtres.

**<Default>** restores all modifications and shows the images as they where at the time of loading.

**<Negative>**, inverts pixels values showing a negative image.

**<Sp>** This is the speed setting, it can be changed from 1 to 50 frames per second.



Cine controls are found in this panel. There are forward and back buttons. You can forward or backward frame by frame, or if the speed is chosen first, then it will go forward at that speed.

The Z command is for varying the zoom setting. With any Zoom setting different than one, the speed will be much slower.

W (window) control and L (level control) are for adjusting the contrast and brightness settings.

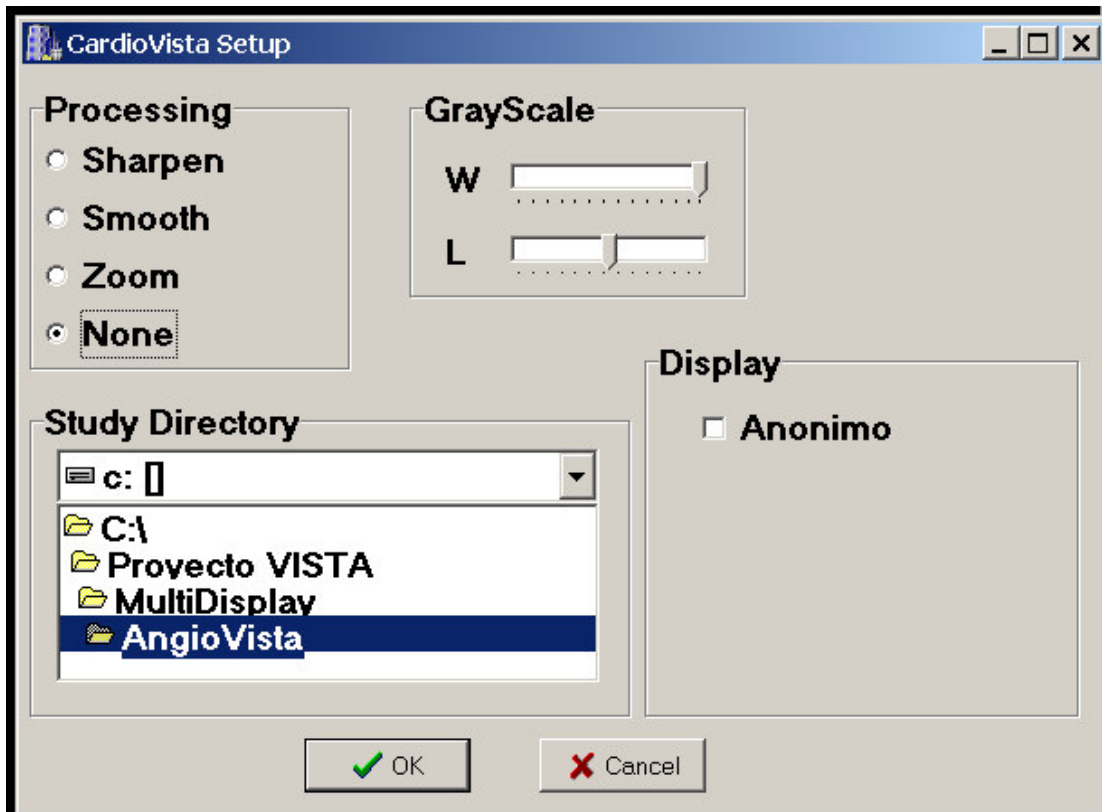
The <End> button finishes the program.



## Archive Panel.

- Save an image as BMP or JPEG.
- Save a sequence in AVI format. You can chose the first and the final frame.
- Copy an image to Windows Clipboard, so you can paste it in any Windows program.
- Preferences, where you can set all default parameters: window, level, directory, printing.
- Register. This is for AngioVista registration. At the caption of the dialog window appears a Serial number that you have to send to: [info@charruasoft.com](mailto:info@charruasoft.com), we will send you back the key to insert here.
- About... Tells the software version.

## Preferences



You can choose the default filter: Sharpen, Smooth, Zoom, or none.  
Initial window (W) and level (L).  
The directory where the images and studies will be archived.  
To choose if you will show or not patient name.



## Report Panel

From this panel you can add arrows and comments to the images.

The <**Arrow**> button allows to add an arrow with a number and a related comment.

The <**Rule**> button is for measuring the image, if it is calibrated the result will be in mm, if not it will be in pixels.

The <**ROI**> button is for measuring area and radiological density.

In the printing section you can choose a multiformat page to print from 1 to 24 images per page, with all intermediate formats.

With the <**Add**> button you can include the image at the left; with the <**Erase**> button you erase the last image

Once the page is complete 4 different things can be done:

- <**Print**>: Sends the job to Windows printer.
- <**Imagen**>: Saves the multiformat image to disk as a JPEG file.
- <**SendMail**>: Sends images by email.
- <**PagWEB**>: Creates a WEB page with all selected images. It saves them in a directory with the patient's name under the main directory.

To get AngioVista last version:

<http://www.charruasoft.com/indexen.htm>

If you have any problems or want to make any suggestions:

[info@charruasoft.com](mailto:info@charruasoft.com)