

Making AVI Files from DICOM Clips

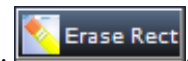
1. Select the clips to export as AVI files:

- ShowCase can read your DICOM media (CDs, DVDs, etc.) or exported DICOM image files from most manufacturer's imaging equipment. ShowCase can read image files in DICOM format even if they are not organized with a DICOM directory file (DICOMDIR).
- Bring up the ShowCase Directories Window and double-click on the study of interest or **Browse To** a folder of DICOM images, or select the menu item **File->Browse to a DICOM File**.

2. Remove the patient names if they are written into the images or image overlays:

- Double-click on one clip in the series to show it in a View/Edit window.


- Click on the Annotation tab and erase the patient name with the 'Erase Rect' tool.



- Double click on the image again to dismiss the View/Edit window.



You can copy the erase rectangles to the other images in the series:

- You can use Ctrl-a to select ALL images, or *ctrl+click* each image you wish to erase.


- Click on the *Duplicate Erase Rectangles* button:  to copy the erase rectangle to all of the selected images.

3. Crop the image or set margins or reset the frame rate for the clip:

- Double click on the image to show it in the View/Edit window.

- On the Annotation tab, set the right and left margins  or the frame rate or draw a cropping rectangle on the clip  as needed.

4. Select and export the clip(s) as AVI files:

- If you are in a View/Edit window you can click the export button to export the current image.
- From a series window, select (click on) the image(s) to export and then click the *Export* button  or select File->Export Image As... from the File menu.
- Select *AVI format* and name your file.
- If you are exporting a **Stress Echo** study in a stress layout, the images are made into a single multi-image AVI file that plays all images in the stage or view synchronized.
- You can also check a box in the Save dialog that will automatically put your new AVI file(s) on a PowerPoint slide(s) *Put images on Powerpoint slides*.

Select the compression method if you want to change it (the previous choice is remembered).

- Select a compression method. The compression methods offered are different for each computer. Three common compressors are Microsoft Video 9®, Indeo® and Cinepak®. Cinepak is known for working well on multiple platforms. MPEG compressors can be used with AVI format. The Trillium web site www.TriTech.com has more information about compressors.

After the AVI files are written, they can be used in slidemaker programs or viewed in Quicktime® Players or Windows MediaPlayer™. AVI files usually run well on both Windows and Mac computers.