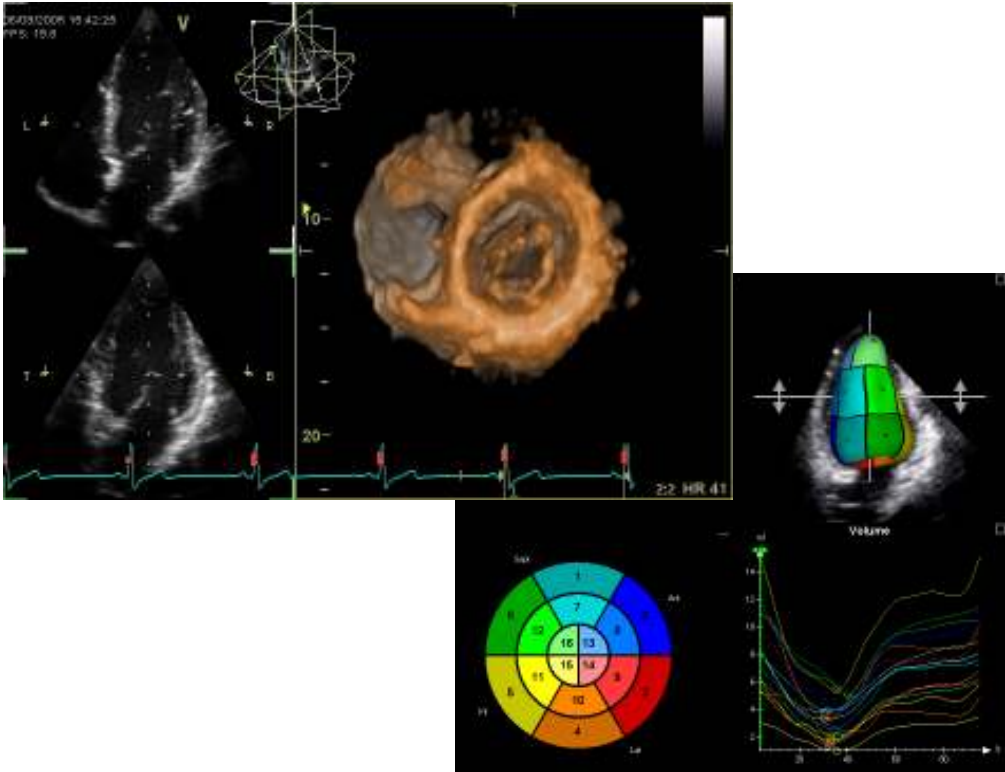


Application News



How to save images on a Vivid system for an import in the TomTec Image Arena



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NOTE

This hand out is additional training material.
For more information please refer to the user manual and/or reference manual.

How to store images for the TomTec Image Arena

General information

If you have a Vivid 7 System and a TomTec Image Arena workstation you can exchange the data for the different 4D analysis modalities (i.e. RV volume). Here are some information's regarding the software that is needed and how to exchange the data properly.

What type of system or software

Vivid systems

Vivid 7 Dimension: SW version Bt06 or higher

EchoPAC PC Dimension: SW version Bt06 or higher

EchoPAC SW only: SW version Bt06 or higher, only possible when you can manipulate the 4D images

TomTec Image Arena™

TomTec Image-Arena™ 3.0

4D RV-Function© 1.1

4D LV-Analysis© 2.5

4D Cardio-View© CAP 1.5

4D MV-Assessment© CAP 1.2



Which media to use

There are several options

CD-R - needs to be formatted before

DVD-R (no other format like DVD +R!!) - needs to be formatted before

USB memory stick

Network shared folder – please contact the local GE sales rep for more information

Select the image

Select the patient in the archive.

Open the patient and select the right examination.

Open the loop that needs to be stored so it runs on the screen.

The save as function

On Vivid 7

Press the **menu** button, located just above the caliper.

On EchoPAC

Move the mouse cursor on the image and press the **right** mouse key.

On the systems a list will appear.

Select the **Save as** function from the list.

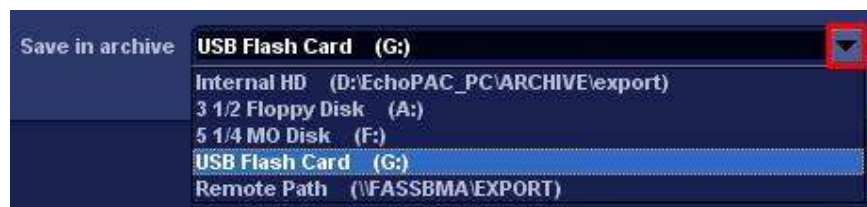


Select the media

A new window opens where two selections have to be done.

First the media needs to be defined where the images will be stored.

Click on the arrow on the right side to open the list, than select your media.



Select the format

The last step is to define the type of format in which the images will be stored. Click on the arrow on the right side to open the list for the different type of formats. To work with the 4D images on the Image arena later on, you must select the **VoDicom** from the list.



Save

After selecting the VoDicom format press the **Save** button to store the image to the selected media.

Store the next images

Do the same processing with all images that needs to be transferred.

Eject the media

The media needs to be ejected in the proper way not to lose any data.
Not required if you are using a shared folder in the network.

On Vivid 7

Press the **Eject (F3)** button.

On EchoPAC

Press the **Alt** and the **E** key together at the same time.

Select the right media from the list and it will be ejected properly.



Depending on the amount of data the system will take some time to finalize the process.
Be aware that the burning process for CD /DVD will start at this time.

Follow the instructions on the screen.

When this information comes up: The media can be safely removed from the system.

- Remove the CD / DVD from the drive that should be already open
- Remove the USB memory stick

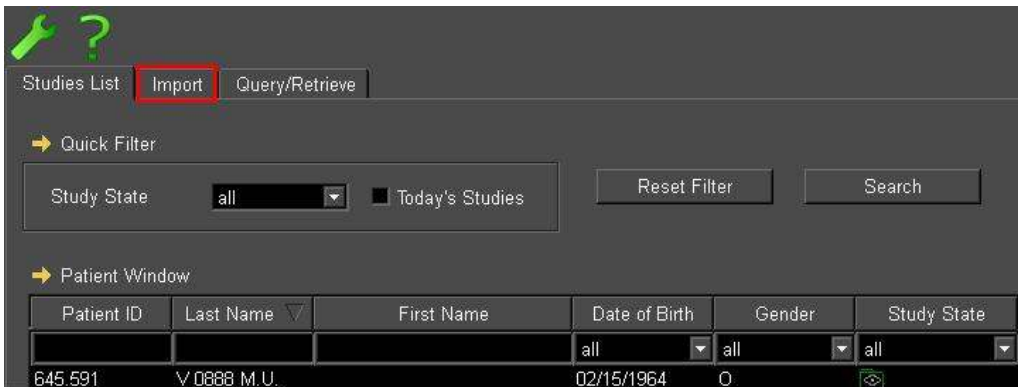
How to import the Images into Image-Arena™

Insert the media

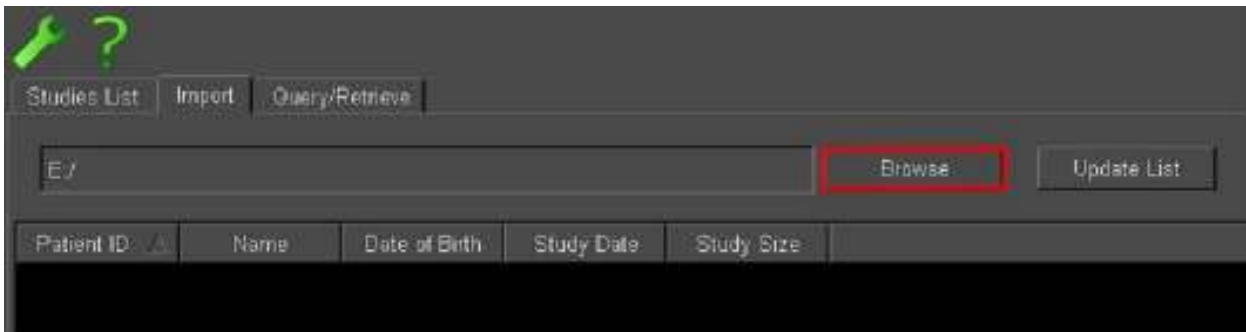
Insert the CD / DVD or the USB memory to the workstation.

The import page

Open the Image-Arena™ and go to the **Import**-Tab.

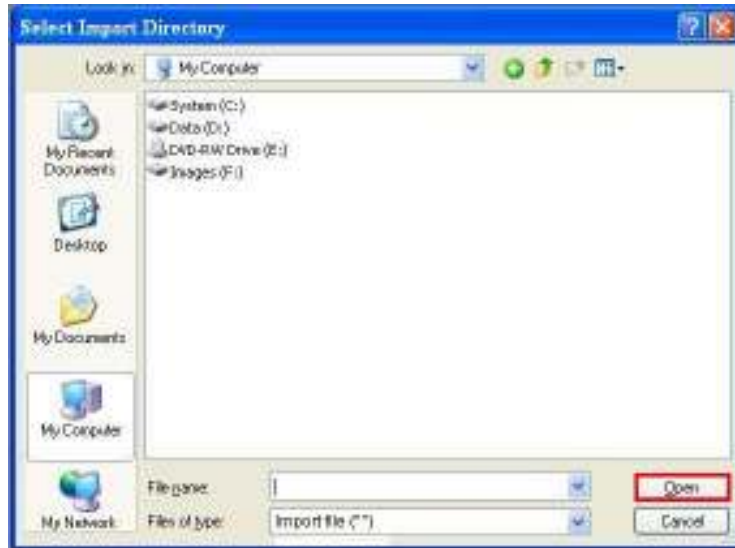


Then click on the **Browse** button.



Select the DICOM DIR

An explore-window will open on the screen.
Select the CD /DVD or the USB memory stick from the list.
Click on **Open** to see the content of the media.



Select the **DICOMDIR** and click on **OPEN**.



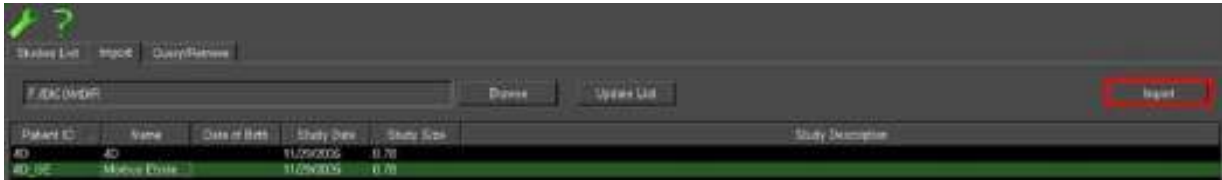
Import the patient

A list with the exported patients will appear in the Image-Arena™ Import window.

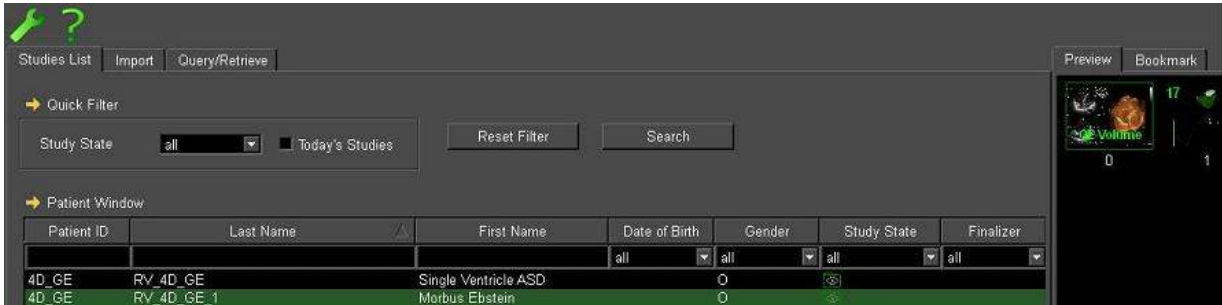
Select the patient/s of interest and click on **Import**.

Highlight one patient by select this patient with mouse click.

Several patients can be marked like this by holding the STRG or CTRL button during the selection.



After the import is completed, the imported patients appear in the **Studies List**



The images can be analyzed now in the workstation as know.