GE Healthcare
VividClub

No. 09 - 2007

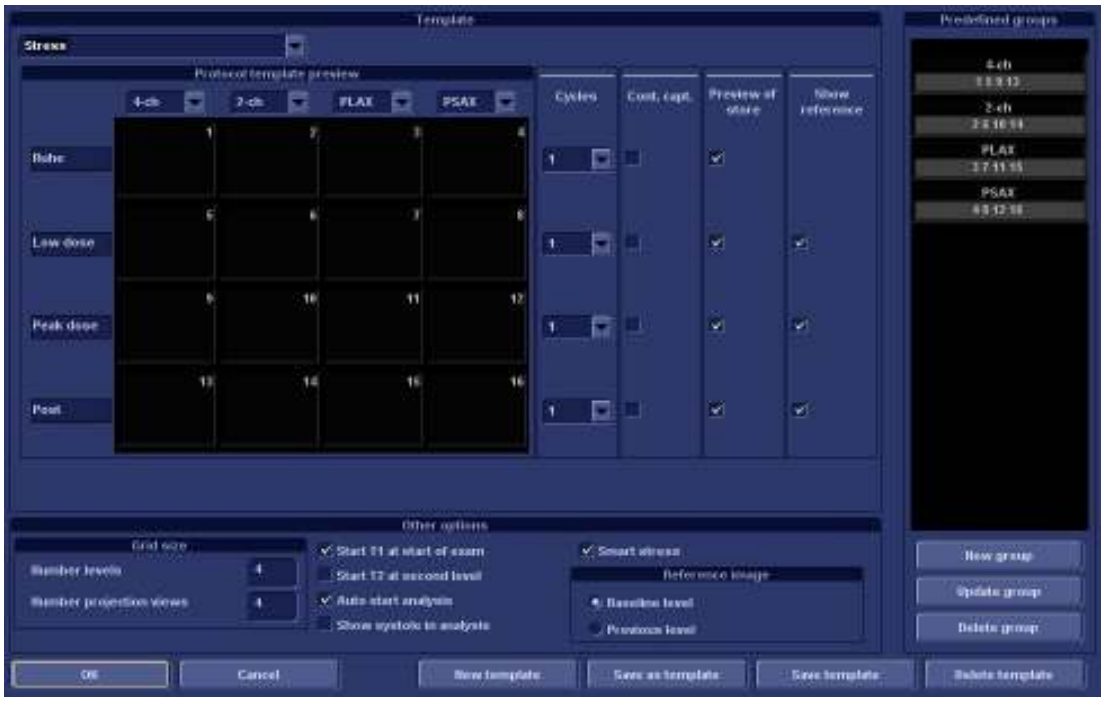
Application News

GE imagination at work

Optimize your stress templates

Vivid i

Vivid S6



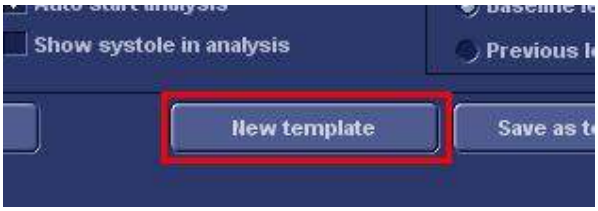
Content

How to optimize stress templates to your needs

Go into the **Protocol**
Click on the **Template** button; scroll down and select the **template editor**.

New template

Press the **New template** button.



Insert a **name** for your template and click on **Ok**.

Number of levels and views

Insert your desired number of levels and number of views you want to acquire.

Name the views

Select the views from the scroll down list in your preferred order.

Possible views

4CH
2CH
PLAX (parasternal long axis)
APLAX (apical long axis)
PSAX (parasternal short axis)
PSAX-basal (parasternal short axis basal portion)
Spare (no specific view, can be used for anything else)

Name the levels

Next step is to name the different levels.
Remove the default name and type in the name of the level.

Number of cycles

Select for each level the preferred number of heart-cycles that need to be stored.

Preview and reference image

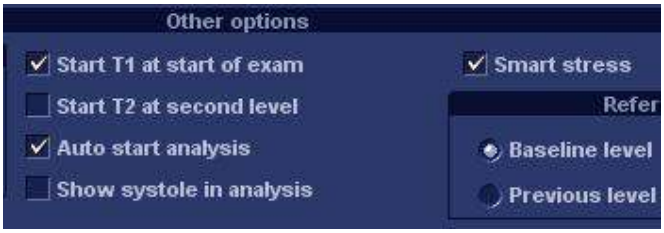
Add checkmarks if you like to have the preview before storing and/or the reference image.
Preview before store: By pressing the image store button the first time, the loop will be reviewed.
Three options are available to proceed:
Select another loop
Press the Freeze button if you don't want to store anything

Press image store again to store the selected loop.
Show reference: during the scanning you will have the reference image on the left side of the screen. This image is synchronised with the live scanning on the right side.

Reference image can always be the images from baseline or the images from the previous level.

Other options

Some other options to optimise the workflow:



Smart Stress:

The system remembers all image optimisations for each view.
In all other levels the system applies these optimisations to each corresponding view.

Start T1 at start of exam:

In the moment the stress echo protocol will be started timer 1 starts.

Start T2 at second level:

A second timer can be added to start when the last image in baseline is stored.

Auto start analysis:

When the last image is stored to the template the system automatically starts the analysis by opening the first quad view.

Show systole in analysis:

All loops will be triggered to show only the systole in the analysis screen.

Groups

To make the work in the analysis more comfortable it is possible to create groups that automatically selects 4 views and displays them in a quad view.

There are always some predefined groups available. By clicking on one group the correlating images will be marked with a blue frame.

Update group

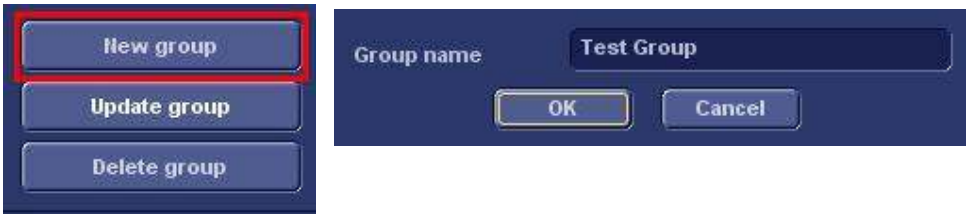
Select a group.
Four images are selected shown by a blue frame.
Remove an image by clicking on it. The frame will disappear.
Add another image by clicking on it (blue frame visible).
In sum it should be only 4 images because the analysis should be done in a quad screen.
Click on the **Update group** button

Delete a group

If there is a group that is not needed it can be deleted completely.
Click on the group that it is marked with a blue frame then press the **Delete group** button. The group will be deleted immediately!!!.

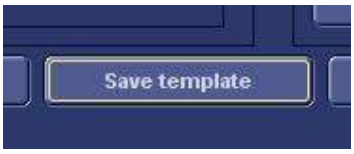
Add a new group

Select 4 images
Press the button for **New group**.
Type in a name for the group und press Ok.



Save

At the end of all settings or changes press **Save template** to store everything.



To close the template editor press **Ok**.

Note

Factory templates can be changed but need to be stored with the **Save as template** with a new name.
All user templates can be changed and the settings can be stored with the same name.