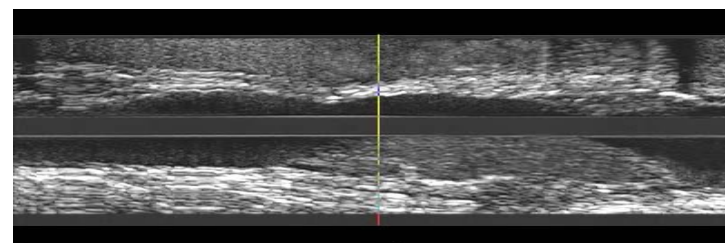
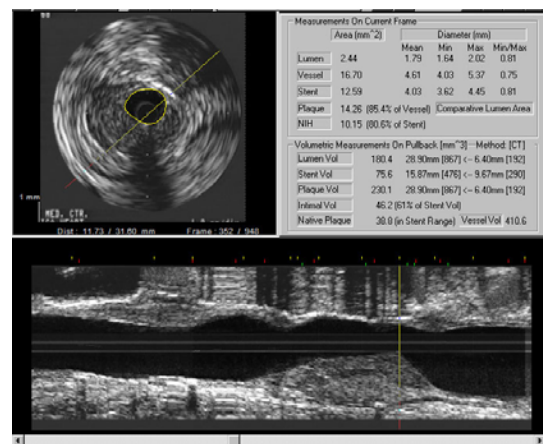
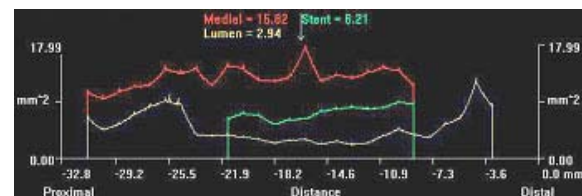


Software Tools for the Interventional Cardiologist to Provide Visualization, Digital Review and Analysis for your IVUS images



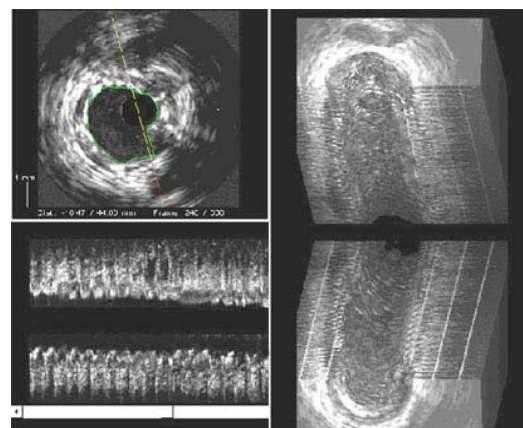
Real time rotation of longitudinal view



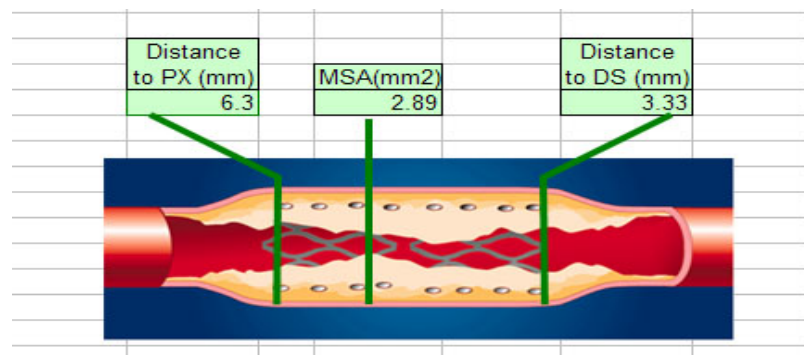
Longitudinal graphing

Frame	Pos	MaxLD	MinLD	AvgLD	LArea	MaxVD	MinVD	AvgVD	VArea	PArea	MinLA	V_vol	L_vol	P_vol	Params
201	6.7														ds_start
251	8.37														ds_stop
		1.67	2.48216	2.25588	2.37	4.29039	4.30196	3.99529	4.13961	13.2555	8.96529	3.96	22.1367	7.164955	14.97171
252	8.4														stent_start
541	18.03														stent_stop
		9.63	2.40576	2.12559	2.26583	3.9369	4.78214	4.39841	4.57445	16.228	12.2908	2.89	156.276	37.91231	118.3633
542	18.07														px_start
602	20.07														px_stop
		2	3.02459	2.61984	2.81311	6.07049	4.78967	4.38361	4.61115	16.457	10.3864	5.27	32.9141	12.14098	20.77311

Automatic spreadsheet file - and summary by distal, stent and proximal regions



3D Rendering view - standard in echoPlaque



Available as a new standalone system or as an upgrade to your existing echoPlaque or TapeMeasure system.

For further information, contact your local Boston Scientific representative, or email us directly for details.

Enhance your **iLab™, Galaxy 1, or Galaxy®2** system with a complete set of real time visualization and analysis tools that provide:

- ◆ Powerful visualization features
- ◆ Review of DICOM files on any PC
- ◆ Real time rotation of longitudinal view
- ◆ Extensive measurements including volume measurement
- ◆ Intimal plaque vs native plaque information
- ◆ Results stored in a spreadsheet file automatically
- ◆ Reporting and database capability
- ◆ Easy removal of patient name for presentation preparation
- ◆ Access to the Galaxy native file format
- ◆ Comparison of multiple pullbacks - pre / post display
- ◆ Powerful new 3D capability



Make your IVUS system even more valuable in and out of the cath lab

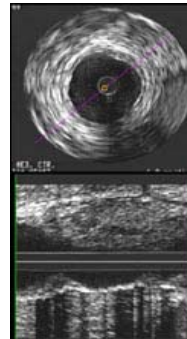
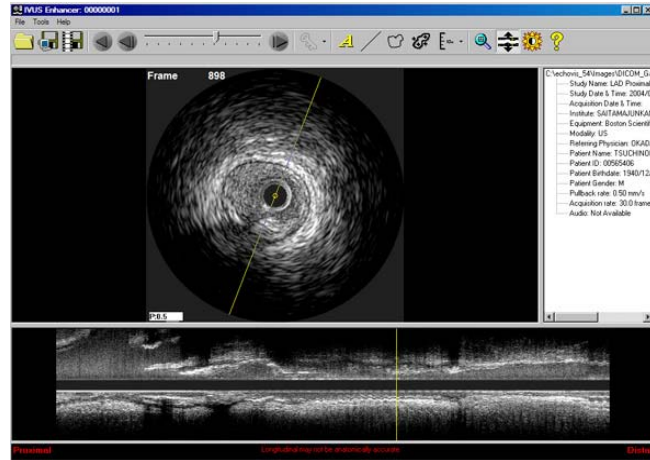
IVUS Review and Measurement

NEW

IVUS Enhancer™

To Review your DICOM files, use this exciting new software solution . The Enhancer can run on any computer and will open DICOM files in US, IVUS or XA modality, or pullbacks saved with the echoPlaque program. Some of the key features include:

- ◆ Display a longitudinal view
- ◆ Allow resizing of cross sectional image display
- ◆ Save image as TIF, BMP or JPG file.
- ◆ Save transverse view as movie file
- ◆ Save AVI or WMV files with longitudinal view included
- ◆ Provide simple measurements - areas, distance
- ◆ Annotate your images and movie clips
- ◆ Magnify a portion of the image to see sections more closely
- ◆ Review volume measurement data from echoPlaque files - even for DICOM files
- ◆ See bookmarked information and measurements overlaid on image
- ◆ Reveal audio and ECG files for Boston Scientific's iLab DICOM files



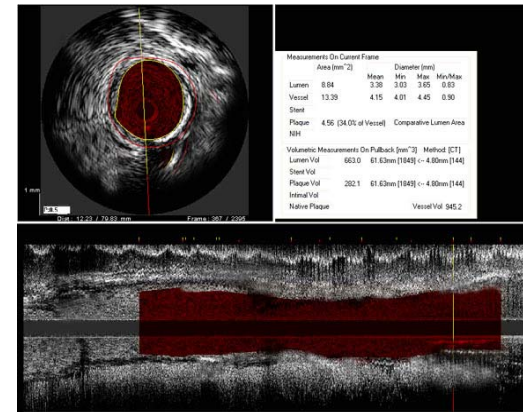
Foundation System Package - includes multiple applications

Whether your interest lies in enhanced 2D and 3D measurements, DICOM, or easy preparation of PowerPoint presentations, the Foundation system offers substantial benefits.

Upgrade

echoPlaque

- ◆ **Volume Measurements**, including total plaque, intimal plaque and native plaque
- ◆ Real time rotation of **longitudinal view**
- ◆ Automatic export of numerical results to **spreadsheet file**, including summary
- ◆ Support for reading **DICOM IVUS** and **DICOM US** modality files - easy to review and measure
- ◆ Volume measurements for discontinuous treatment and reference regions or even two separate stents
- ◆ Ability to load selected pullback regions from within Dicom image files
- ◆ Bookmarking for report generation
- ◆ "Wiggle Mode" - Dynamic Review - for easier contour definition
- ◆ **Make AVI files** from pullbacks (with Xtract program)



Galactica - optional feature in echoPlaque or Enhancer

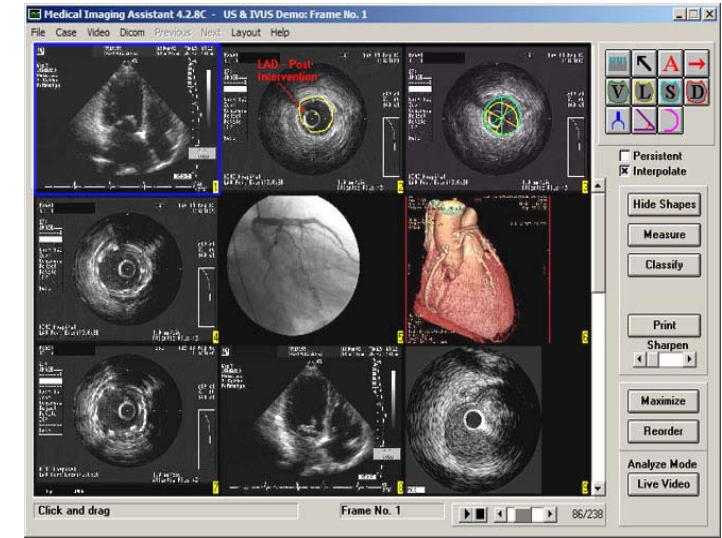
- ◆ Use **Galaxy native files** as input for volume measurement.
- ◆ Transfer Galaxy 1 files from MO (Magneto Optical disk) to a Galaxy 2 DVD
- ◆ Create AVI files from your Galaxy native files for presentation use
- ◆ Read, review and measure your Galaxy native files from MO, CD or DVD.
- ◆ Export the raw RTheta data for research testing.



Medical Imaging Assistant (MIA) - part of Foundation System (Based on TapeMeasure Plus Technology)

MIA is designed to be the physicians' tool which will run on a personal computer or a desktop system and is meant to supplement software packages already installed in the hospital.

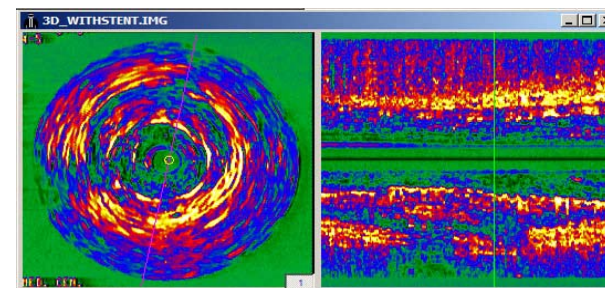
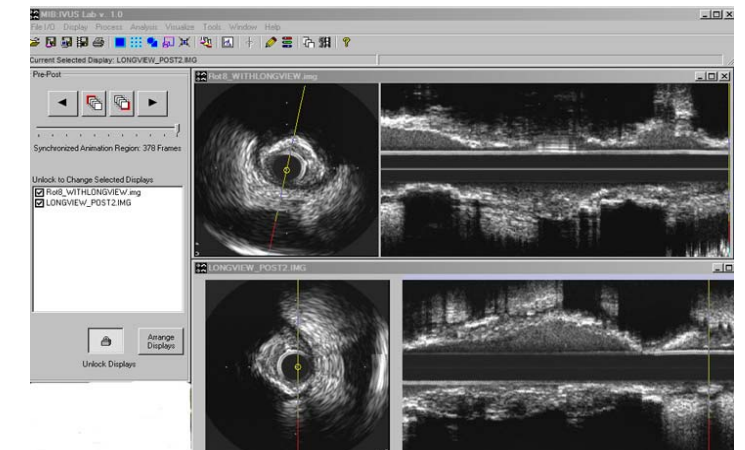
- ◆ Display and digitize video at 30 fps - even on your laptop
- ◆ Acquire from DICOM, or AVI files. Read and review angio, and ultrasound images
- ◆ Acquire from a network or send image as email from within MIA
- ◆ Review your images at full 30 frames per second or step frame by frame with the 1 step forward or reverse
- ◆ Read and review images of many types, with side by side comparison
- ◆ Display full video image - no automatic cropping
- ◆ Acquire video at 30 fps and save to a variety of file formats, including Dicom or AVI
- ◆ Annotate and prepare single images or movie clips for presentations
- ◆ Incorporates 2D measurement and analysis functions to enhance the versatility and performance



NEW

Medical Imaging Bench (MIB_IVUS Lab) - optional

- ◆ Pre and Post visualization for detailed comparisons of 2 or more data sets.
- ◆ Rotate image to change pullback orientation, for more meaningful comparisons
- ◆ Merge multiple data sets
- ◆ AVI and WMV files can include the longitudinal view



- ◆ Multiplane 3D display – a new way to view your data sets
- ◆ Intensity Profiling, via color look up tables
- ◆ Support for Region of Interest studies

