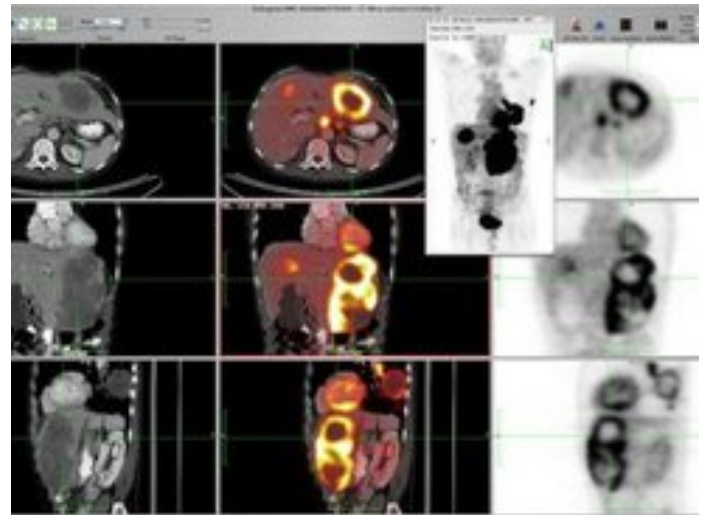




OsiriX MD ® Technical Datasheet

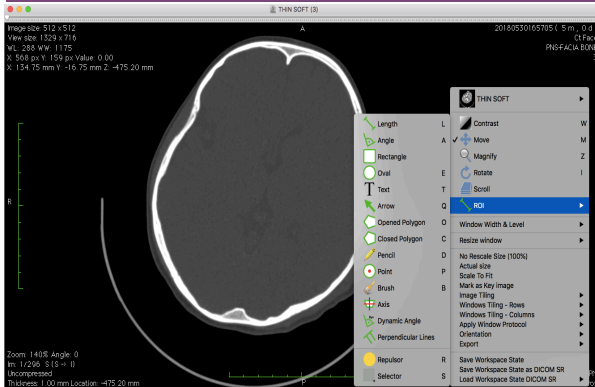


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Application: 7719 08 00 22/44/66

+ 2D/3D Viewer Features

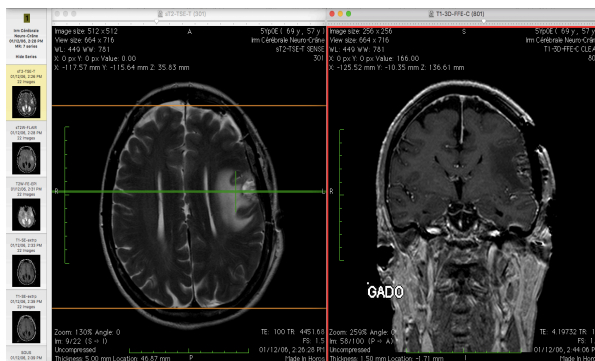
Strength of OsiriX lies in fluidity & Ease of use it has to offer! Thought by Radiologist for a Radiologist. Lets have a look. The great software does the same things so differently that will definitely amaze you with the way of presentation & ease of use combined with infinitely superior Apple® technology.



Context Menu: Everything Important at right click

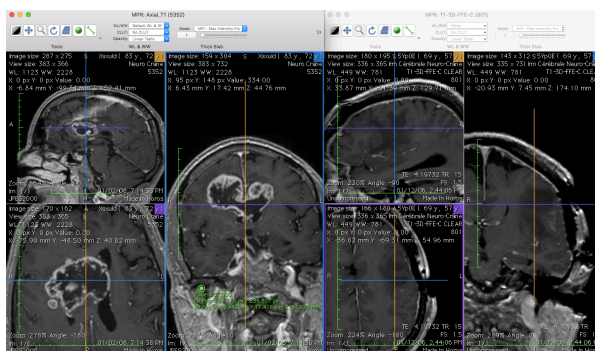
All Important & frequently used tools such as Measurement, Window PAN, Zoom, Change Series, Window Presets, Marking Of key Image are available just on right click 'Context Menu'. This makes learning curve for new user really lean! No need to mentally map the buttons & move mouse every time for changing a function!

Existing users also vouch for this feature because of the amount of time saved during reporting



Series Comparison:

Just a right clicking left hand thumbnail enables to Open Unlimited series for comparison with cross-reference lines. You can even open two different studies of same patient or two completely unrelated studies of different Patients for comparison. Cross hair tool enables to trace point marked in one orientation to be effortlessly traced on other orientation. You can Even re-slice one of the series so that both comparative series/studies are in uniform anatomical orientation

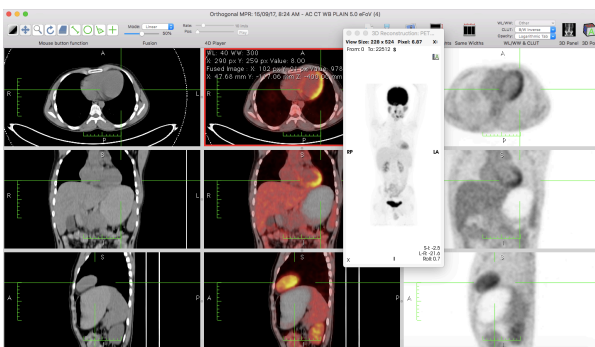


MPR Comparison:

This is one feature that even legendary players are dreaming of! Not only studies of same patient but also studies of two entirely different patients can be compared.

Thick Slab MIP within MPR is also possible.

In addition you can even compare all forms of MPR including 2D orthogonal, 3D MPR & 3D CPR side by side.

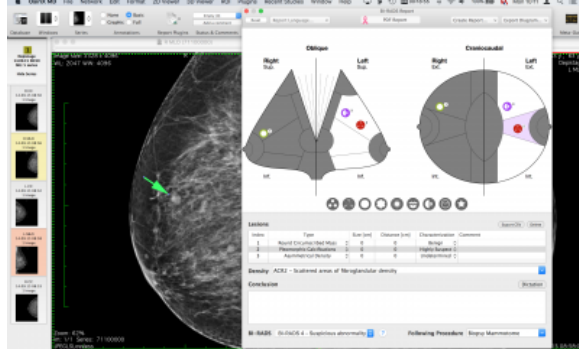
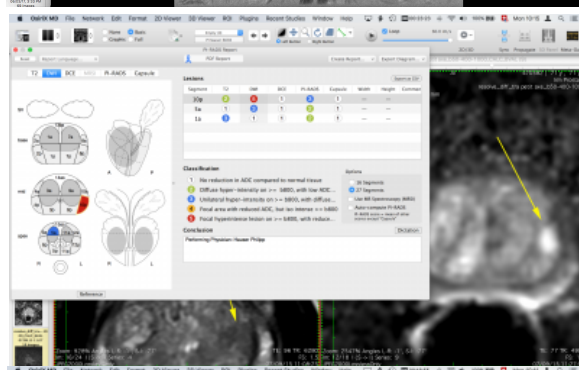
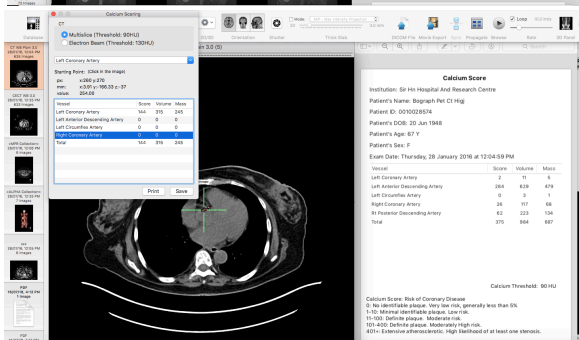
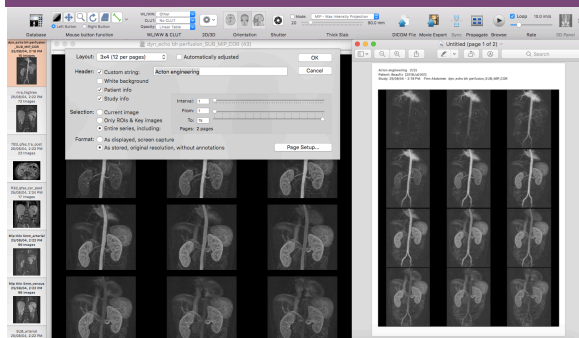


Fusion:

OsiriX® not only enables you PET CT fusion but it offers true Multi-Modality fusion. You can even fuse Sonography to MRI. Fusion happens with Automatic Registration But if you are not happy with automated process then you can correct it interactively with ease.

OsiriX is probably only platform, which offers MPR of fused data & Comparison of fused MPR Datasets

+ 2D/3D Viewer Features.....



Key Images: (Automatic Selection & Sharing)

While doctor reports; OsiriX silently remembers the images where he or she has taken measurements or marked it important image. Those key images are available then single click anytime & come very handy in following scenarios:

- To Discuss or review the case with referring surgeons.
- To take students through important findings without re-scrolling entire study.
- To attach/insert key image paper print to report.

Calcium Scoring:

This integrated plugin by OsiriX enables user to calculate calcium score on plain CT acquisition by multislice HU threshold as well as electron beam method. It prepares single click report supplement with individual score for each vessel & combine table. It also adds guidelines for interpretation at the end of report. The name of patient & study acquisition date is also automatically added to report to ease out reporting doctor's workload.

Cath-lab Angio (XA) Subtraction:

This feature not only subtracts the designated mask from remaining series but also facilitates user to choose mask of his/her choice on the go.

The user also is enabled to re-register the images interactively if mask is not exactly aligning the target series due to patient's movements or involuntary movements such as respiratory misalignments. These cine loops then can be Played at user controlled rate for easy viewing.

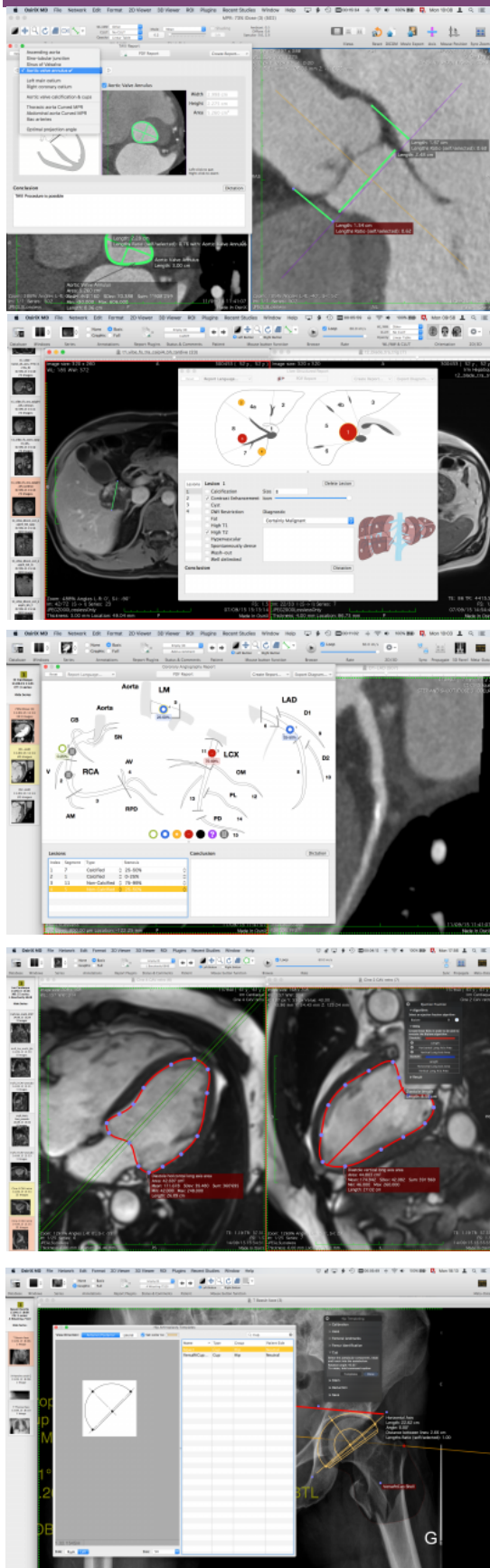
Pi-Rads Structured Reporting:

Prostate Imaging-Reporting and Data System (PI-RADS) refers to a structured reporting scheme for prostate cancer. This plugin allows the user to easily represent and compute the PI-RADS score, with a full graphic user interface. The score is assessed on prostate MRI. Images are obtained using a multi-parametric technique including T2 weighted images, a dynamic contrast study (DCE) and DWI. The goal of PI-RADS score is to improve diagnosis and treatment of prostate cancer. The plugin produces a complete report, including diagrams, in high quality DICOM PDF format. This plugin supports PI-RADS 2.0 score.

Bi-Rads Structured Reporting:

Breast Imaging-Reporting and Data System refers to a structured reporting scheme for mammography imaging techniques (mammography, ultrasound and MRI). The system is designed to standardize reporting, and is used to communicate a patient's risk of developing breast cancer. This plugin offers a full graphic user interface to easily create explicit BIRADS diagrams. The plugin produces a complete report, including diagrams, in high quality DICOM PDF format.

+ 2D/3D Viewer Features.....



Transcatheter Aortic Valve Implantation (TAVI) Planning

Aortic valve replacement is the mainstay of treatment of symptomatic aortic stenosis. The TAVI procedure requires a comprehensive pre-interventional diagnostic workup. Above all, detailed information on the anatomy of the aortic annulus (AA) and the relation of the AA to the coronary arteries is essential to avoid complications. This plugin allows the user to easily, precisely and quickly produces a comprehensive report, including all measurements and screen captures.

Liver: Couinaud Classification

This plugin offers an efficient solution to create RECIST (Response Evaluation Criteria In Solid Tumors) reports. The Couinaud classification of liver anatomy divides the liver into eight functionally independent segments. Each segment has its own vascular inflow, outflow and biliary drainage. This plugin offers a full graphic user interface to easily create explicit reports and liver diagrams displaying all the lesions. The plugin produces a complete report, including diagrams, in high quality DICOM PDF format.

Coronary Angiography:

Easily report the coronaries significant and non-significant stenosis. It can be used with Coronary CTA studies or Cardiac Catheterization procedures. Stent icons can also be added to the schema.

Ejection Fraction:

Cardiac MRI allows for measurement of left ventricular ejection fraction, with monoplane or biplane cine MR sequences. This plugin offers a step-by-step semi-automated procedure for the simplified Simpson's rule. The plugin produces a complete report, including diagrams, in high quality DICOM PDF format.

HIP ARTHROPLASTY TEMPLATING: PAID*

Joint replacement is a well-accepted treatment for arthritic conditions of the hip. Successful surgery requires precise placement of implants such that the function of the joint is optimized biomechanically and biologically. Digital preoperative planning enables the surgeon to select from a library of templates and electronically overlay them on an image. The surgeon can then perform the necessary measurements critical to the templating and preoperative planning process in a digital environment. The preoperative planning process is fast, precise, and cost-efficient, and it provides a permanent, archived record of the templating process.