

View, process, print and compare DICOM images.

SigmaVision

Simple, reliable, customizable, fast & medical device IIa class

Version 3.0.11.0

SigmaDicomStore - Management console

sigmaDicomStore - ver 3.0.11 - www.soaviem.it - w10LuiVirtual box

Setup | **Browser** | Query

Last name*first name | Date of birth | Accession N. | Modality | Description | St. date (D1-D2) | Filter on study date | Study status | Page 1/1 | Sea

Archive												
	Patient ID	Name	Birth Date	Sex	Study Date	Study time	Accession n.	Modalities	Referring phisician	Series	Imgs	Descri
<input checked="" type="checkbox"/>				M	30/08/2019	16:19:29		CR		1	1	torace
<input type="checkbox"/>			05/06/1966	F	23/08/2019	09:49:51	2019064995	US/CR		2	2	ECOGRAFIA CARDIA
<input type="checkbox"/>			07/04/1962	F	07/05/2019	12:30:37	20190833DESOG1.0	ES		1	7	VIDEO ESOFAGO-GA
<input type="checkbox"/>			04/11/1944	F	02/05/2019	17:36:27	20190013379	CR		2	2	RX spalla
<input type="checkbox"/>			01/11/1961	M	21/03/2019	11:40:52	10.10.accdNumber	ECG		1	5	
<input type="checkbox"/>			01/11/1961	M	21/03/2019	11:26:27		ECG		1	2	
<input type="checkbox"/>			01/11/1961	M	20/03/2019	14:58:50	AN1					
<input type="checkbox"/>			01/11/1961	M	08/02/2015	16:11:55						
<input type="checkbox"/>	043.8.924.10.4		01/11/1961	M	06/04/2018	17:41:14						
<input type="checkbox"/>	345677778		01/11/1961	M	23/08/2017	12:57:23						
<input type="checkbox"/>	32031		30/09/1946	F	22/11/2016	17:25:24				1	1	KALMIDE
<input type="checkbox"/>	3456		01/11/1961	M	04/04/2016	12:56:49	EM951	DX		2	2	
<input type="checkbox"/>			01/11/1961	M	30/10/2015	17:19:48		DX		1	2	Che+
<input type="checkbox"/>	126495		22/04/2005	F	07/09/2015	09:44:38	2015090143	CR		2	2	

- Modify study/series
- Delete study/series
- Import dicom files
- Produce CD

Import dicom files

Root dir: C:\ArchivioSC\1

Success: 2; Failed: 0; JPEG error: 0 No dicom: 9
END

Produce CD

Name: CERRATO LUIGI

Date of birth: Patient id:

Date of study: 30/08/2019 Modality: CR

Directory of work (Documents\): TempCD

CD/DVD writer: CD-ROM Volume name: CD

Info

Media type: -	Needed: 22 MB	Total: -	Free: -
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NO CD

Buttons: Cancel, Create CD, Burn CD

Modify study

Patient ID:

Patient: Surname*Name:

Date of birth:

Sex: M

Study date: 30/08/2019

Study time: 16:19:29

Accession N.:

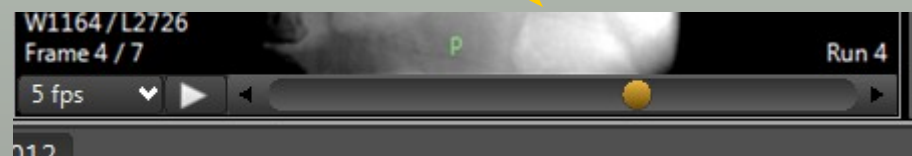
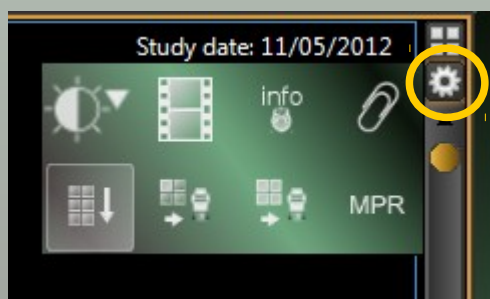
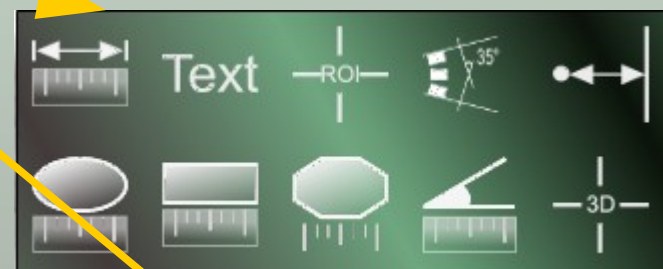
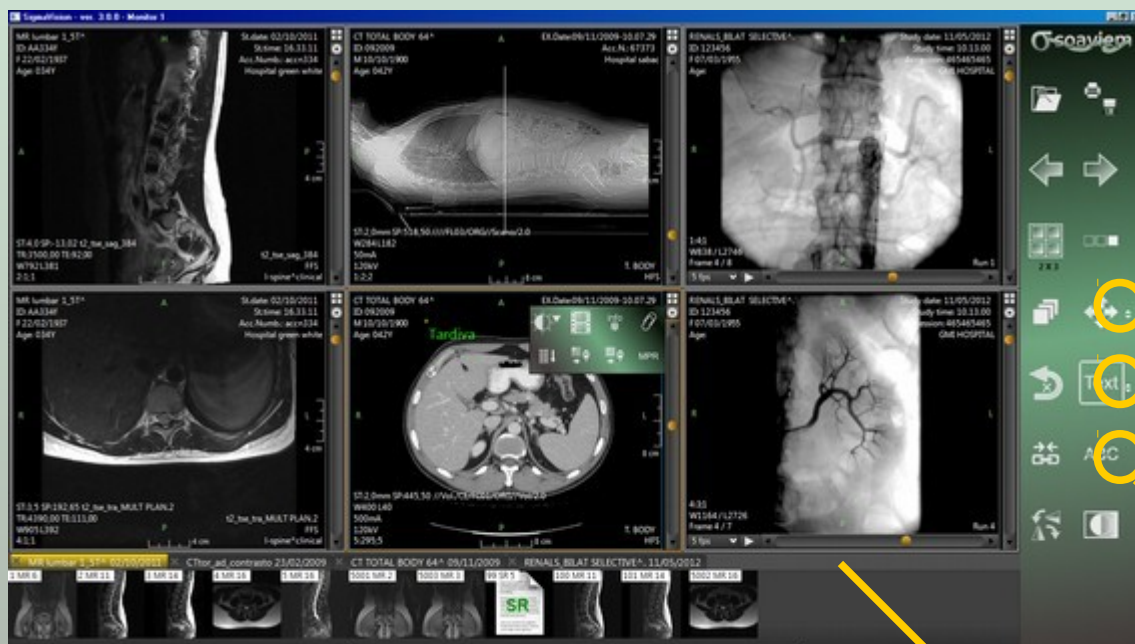
Description: torace

Physicians name: Surname*Name:

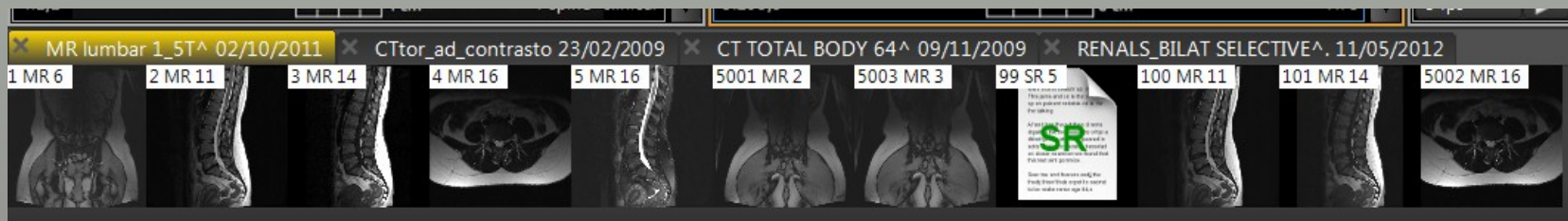
Institution name: Studio Gola

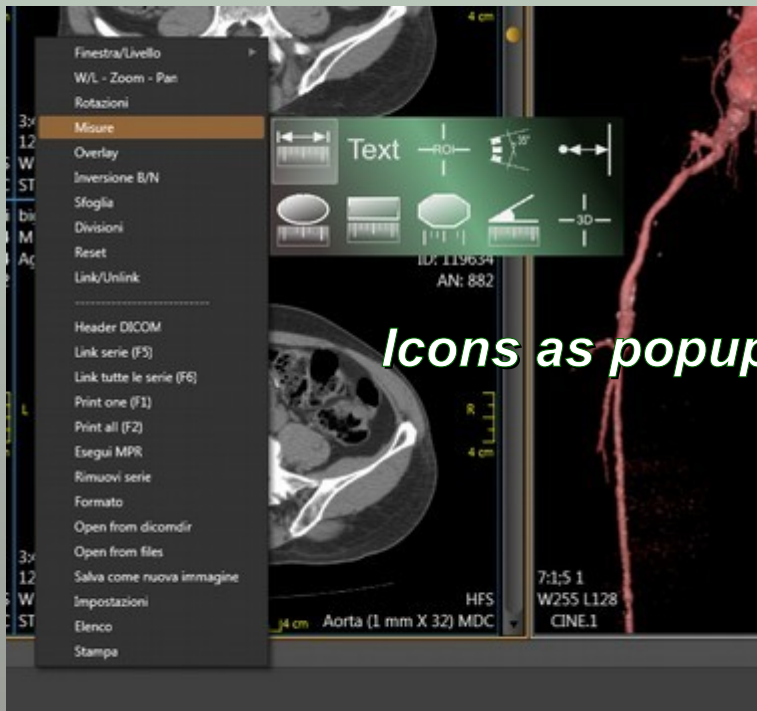
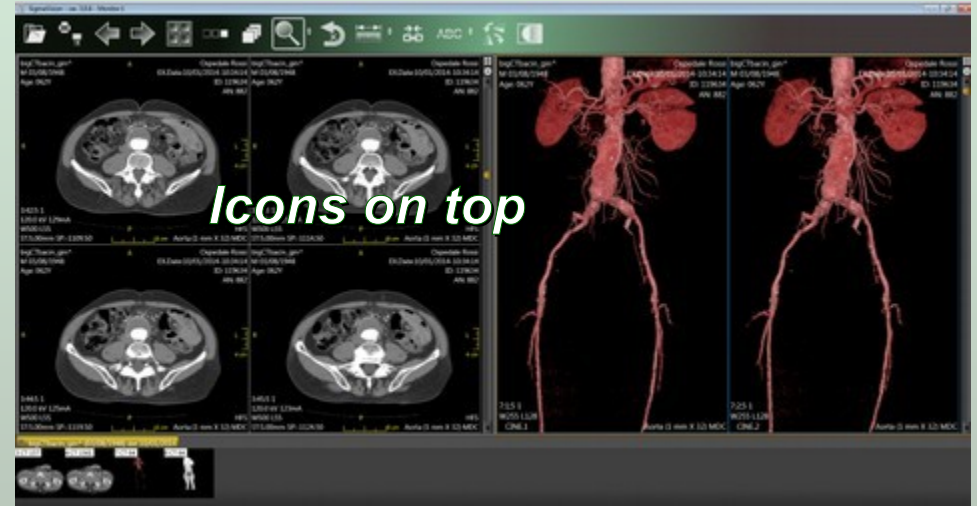
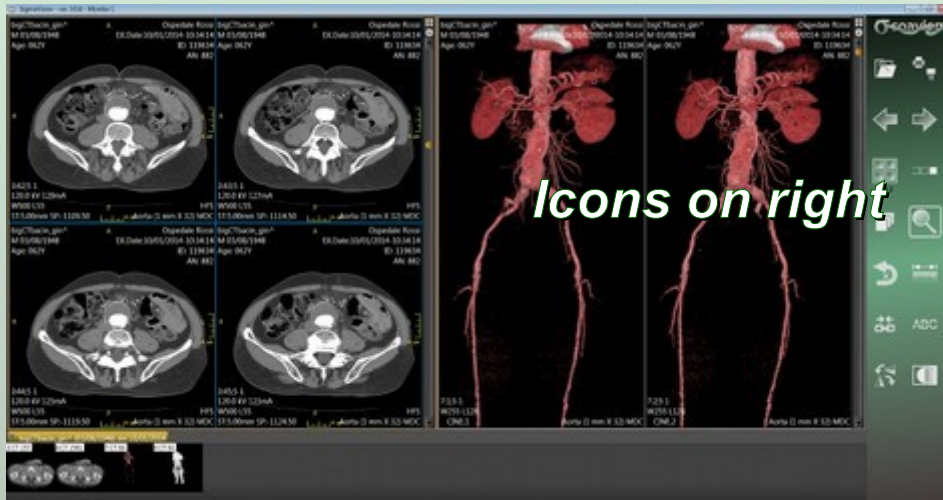
Study UID: 1.3.51.0.7.480153825.56887.49487.38088.45381.20582.23036

Buttons: Cancel, Save



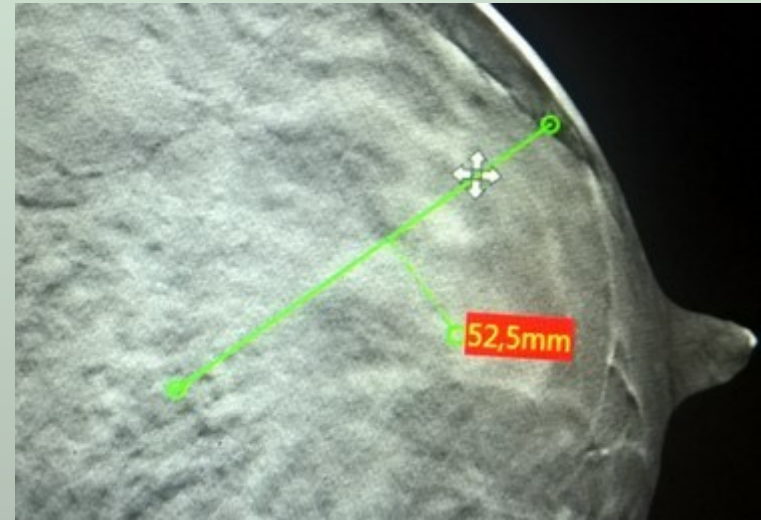
Ref line on/off



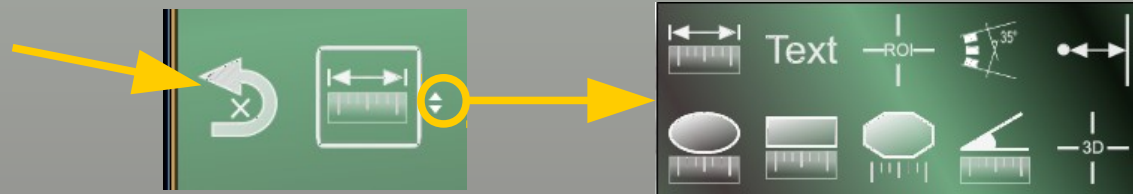


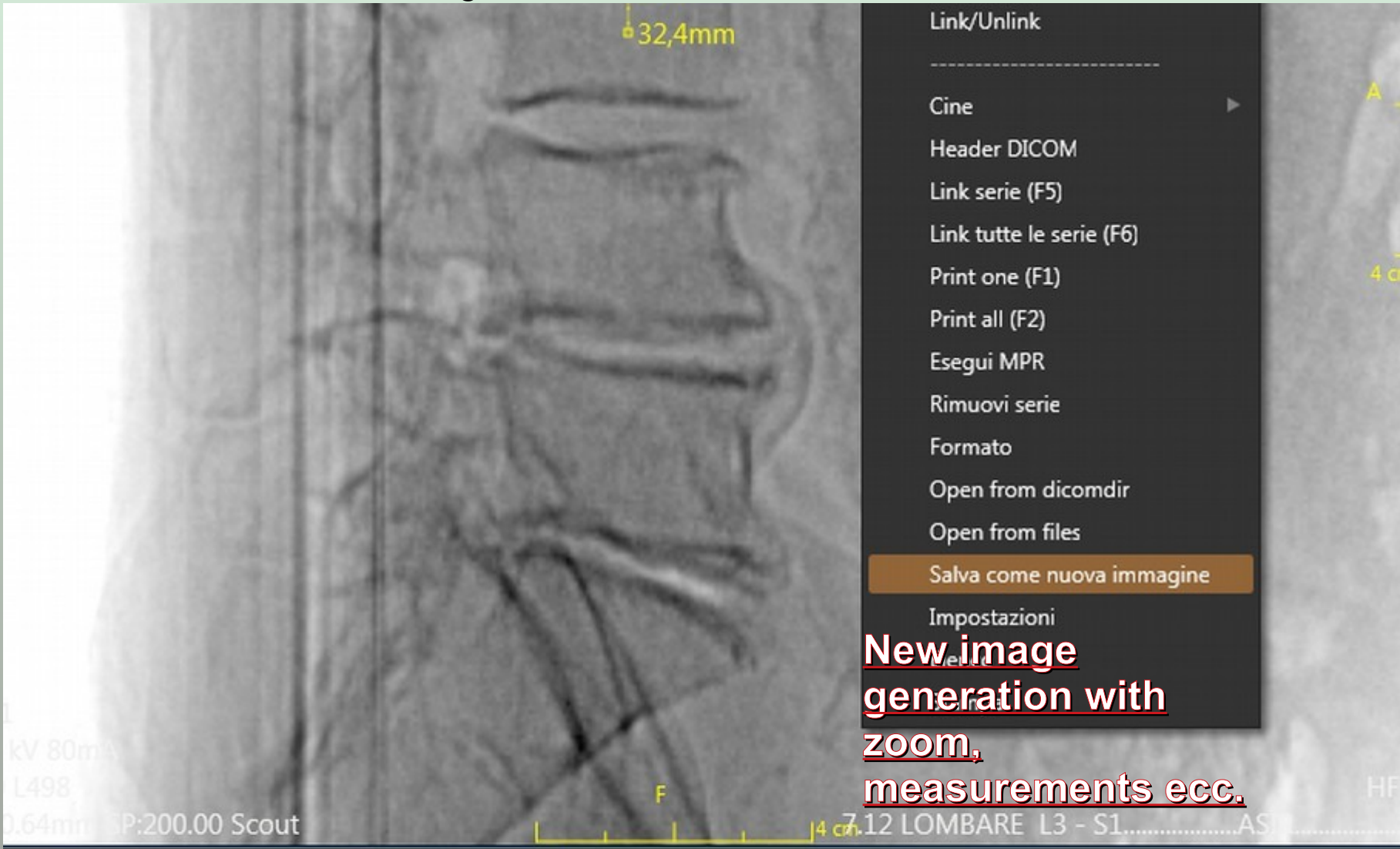
F10 to change icons position





Measurements





New image generation with zoom, measurements ecc.

Lombare_p_asim^ (03/03/1939) del 08/04/2014

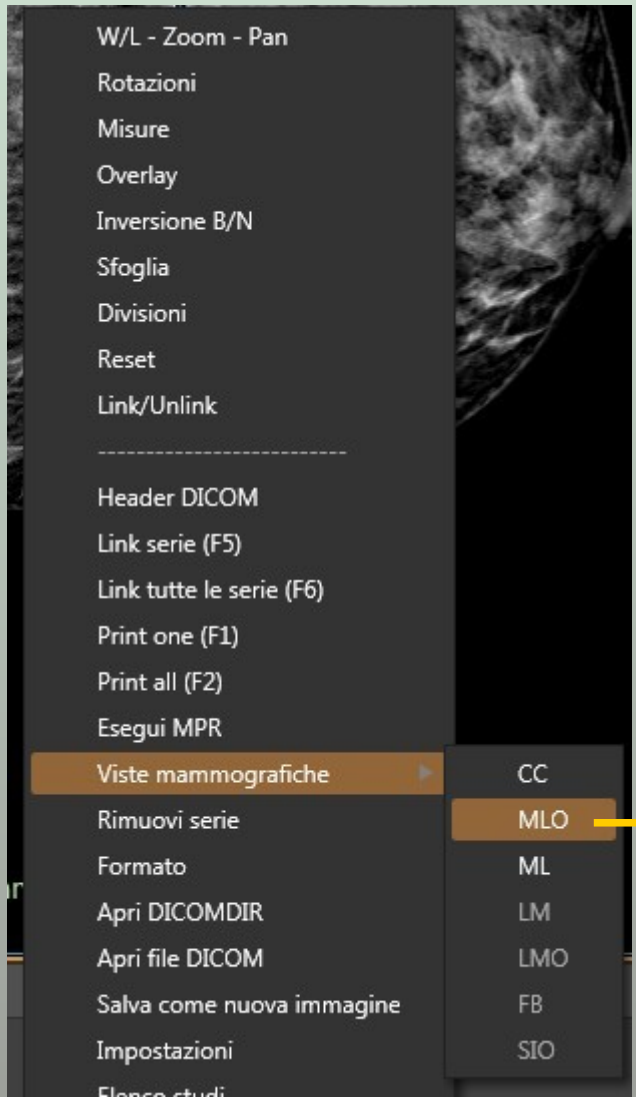


(MG) & DBT

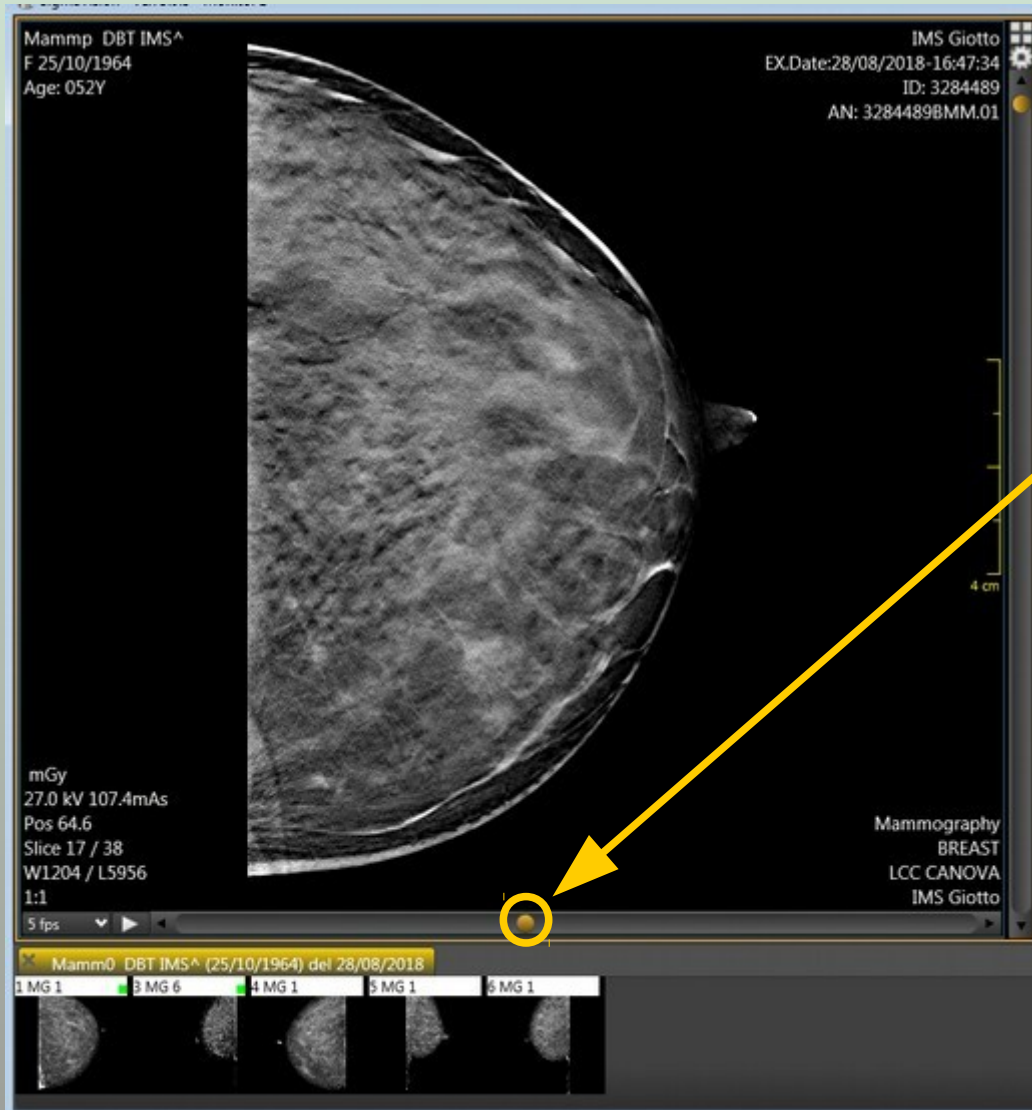


Mammo Hanging protocol

(MG) & DBT



Mammo view selector



Mammo DBT & MultiFrame Cine



EX.Date:12/02/2009-15:23:00 ID: HRA, Vol, OCT, PROG F 11/07/1979 AN: 12345678

EX.Date:12/02/2009-15:23:00 ID: HRA, Vol, OCT, PROG F 11/07/1979 AN: 12345678

New DICOM class images & PDF encapsuled

2429000:1 1 / 1
W255 / L128

Demo- SPECTRALIS^Spectralis Scans (11/07/1979) del 12/02/20...

1 OPT 1 2429000 OP 1 2429001 OPT 1

PDF

soaviem

1 X 2

ABC

IR

trp5BCA.trp.pdf - Adobe Reader

File Modifica Vista Finestra ?

Commento

Il file è compatibile con lo standard PDF/A ed è stato aperto in sola lettura per evitare modifiche.

Thickness Map Single Exam Report

SPECTRALIS Tracking Laser Tomography

Patient: Demo- SPECTRALIS, Spectralis Scans
Patient ID: HRA, Vol, OCT, PROG
Diagnosis: ---

DOB: Jun/11/1979 Sex: F
Exam.: Feb/12/2009
Comment: ---

HEIDELBERG ENGINEERING
OS

Average Thickness (µm)

302	302	Center	258 µm
1.00	1.00	Central Mn:	258 µm
0.55	0.55	Central Max:	330 µm
Circle Diameters:	1, 3, 6 mm ETDRS		

312 348 297 335 296
1.00 0.55 0.23 0.23 1.54

336
0.53

282
1.40

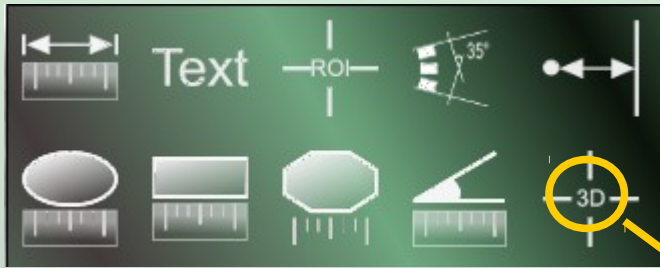
IR 30° ART (h)

OCT 20° (6.1 mm) ART (141 Q, 42 H)

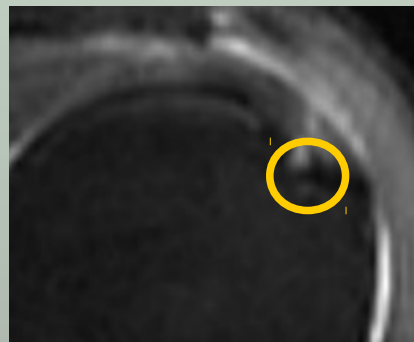
Notes:

Date: 10/15/2011 Signature:

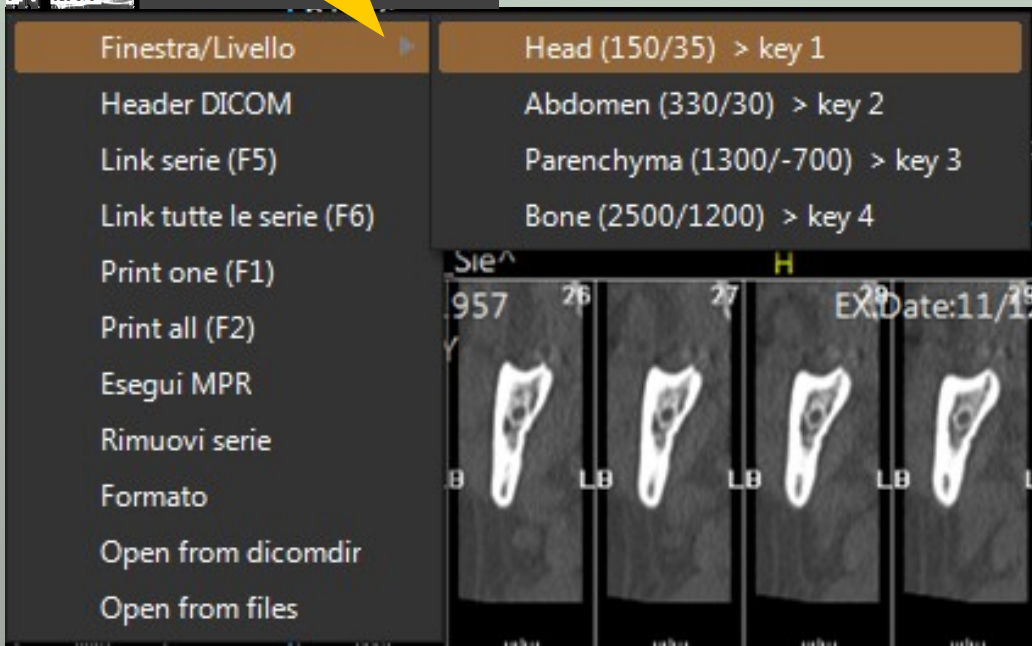
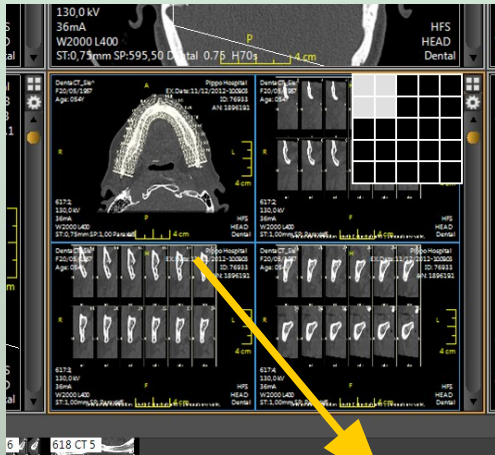
Software Version: 3.0.11.0 www.heidelbergengineering.com Thickness Map Single Exam Report



3D POINT



Saved W&L



Shortcut from keyboard:

*Key 1 w/ * Head*

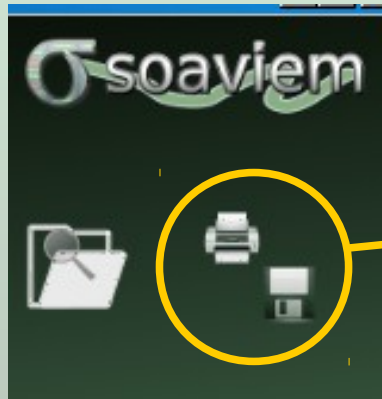
*Key 2 w/ * Abdomen*

*Key 3 w/ * Parenchyma*

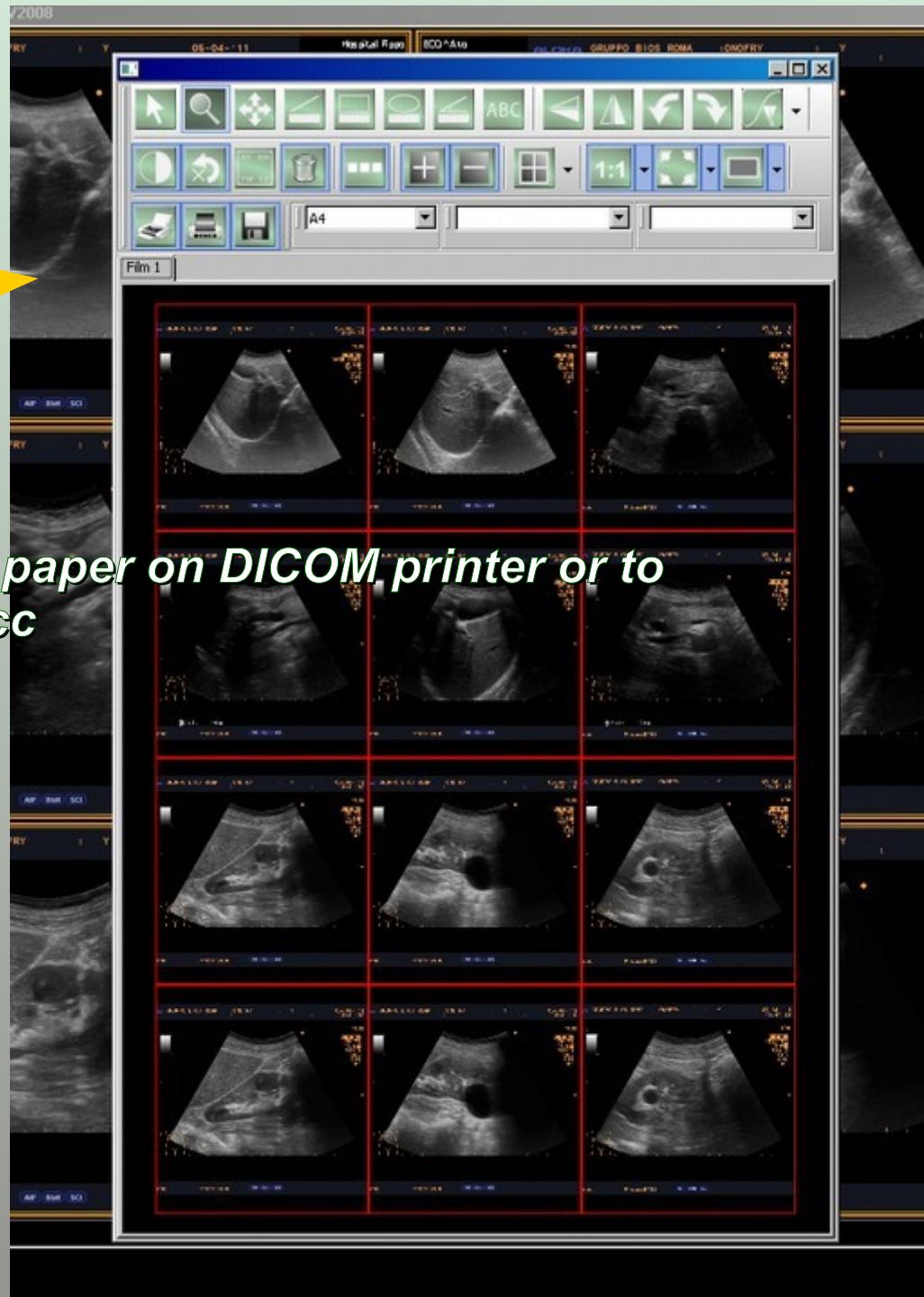
*Key 4 w/ * Bone*

Link series; F5 to connect one series; F6 to connect all series

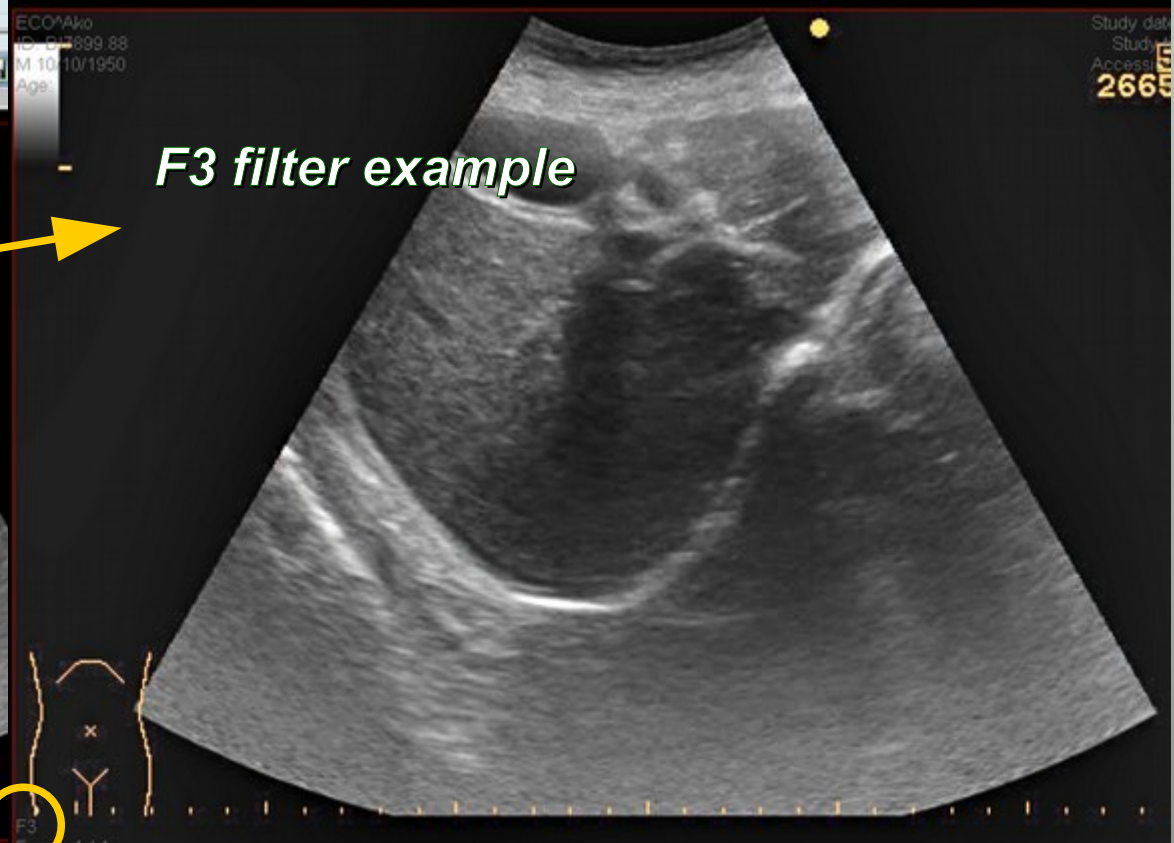
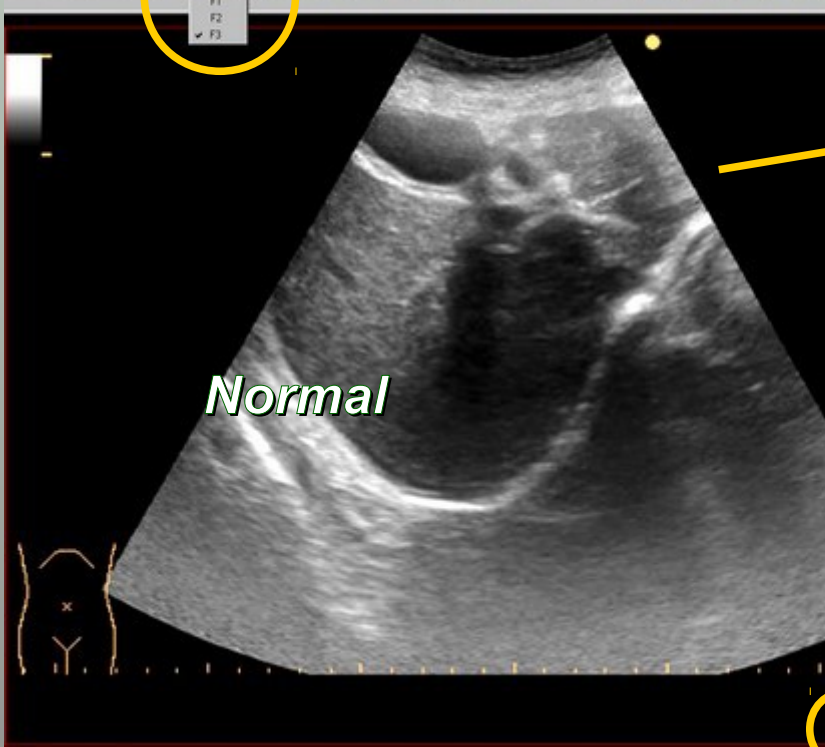
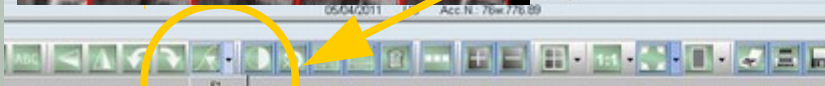
F1 to print one image; F2 to print all displayed images



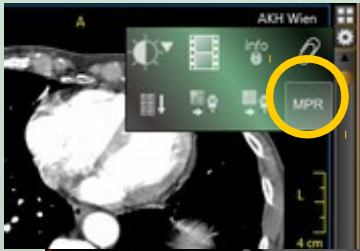
Print composer to print on paper on DICOM printer or to export in jpg, bmp, png, ecc



- Up to 64 images per sheet
- Up to 99 customizable multi frequencies image filter

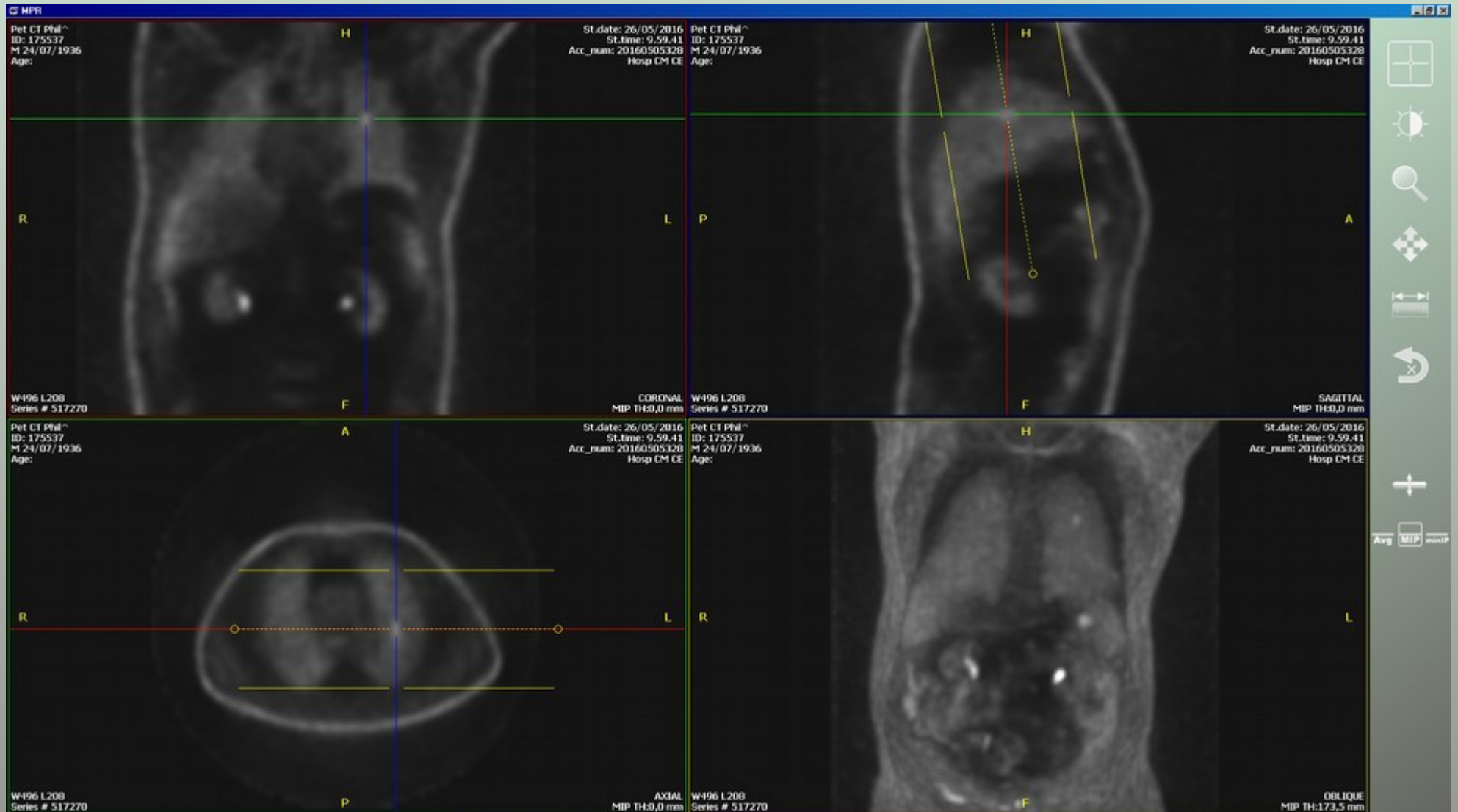


MPR with MIP, MinIP & AVG



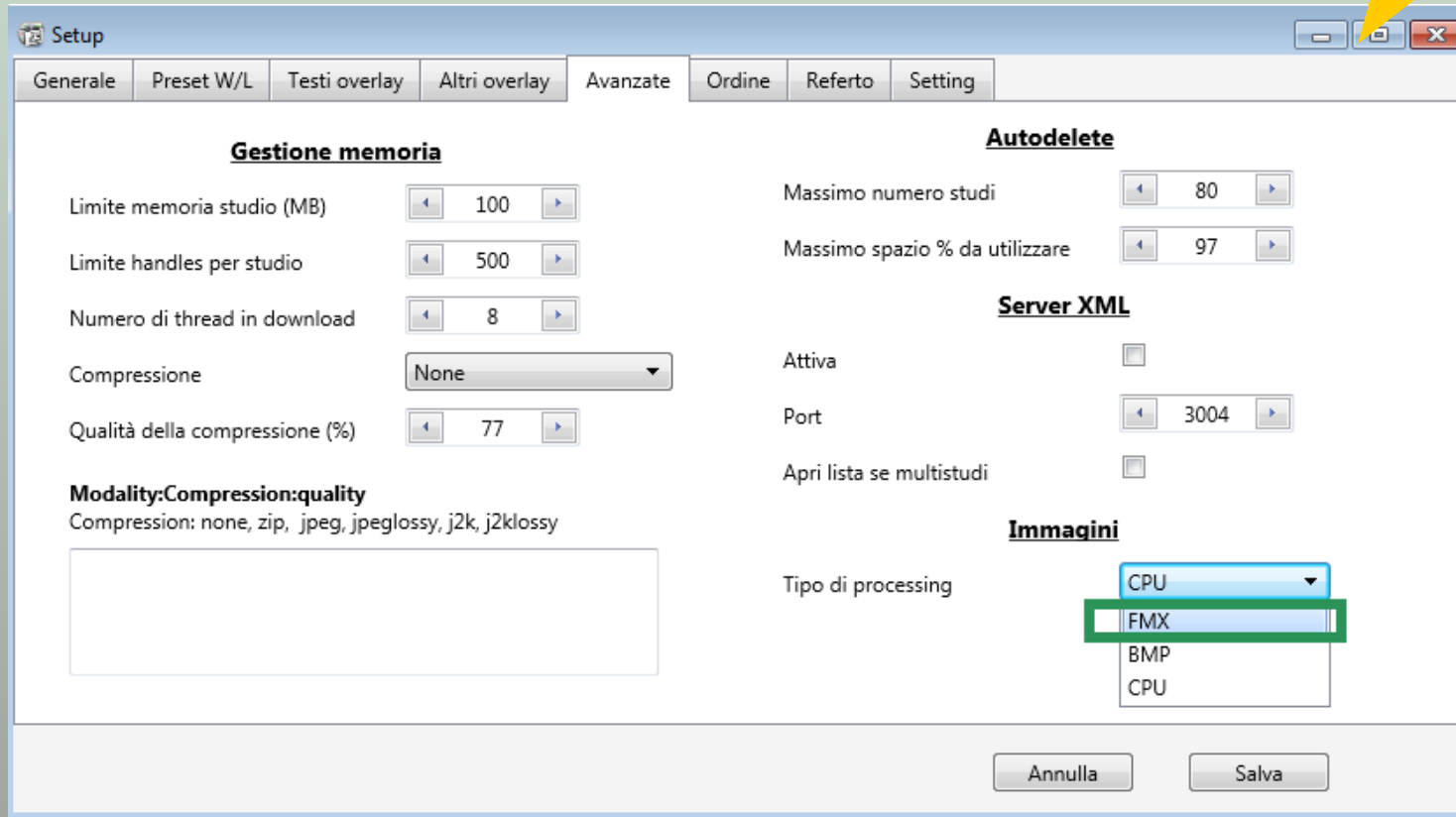
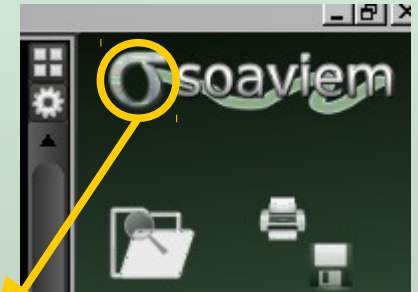
<p>W1196 L250 Series # 3</p>	<p>St.date: 17/02/2000 St.time: 11.28.16 Acc_num: AKH Wien</p>	<p>DEMO PATIENT ID: 765432308 F 01/01/1950 Age: 065Y</p>	<p>W1196 L250 Series # 3</p>	<p>St.date: 17/02/2000 St.time: 11.28.16 Acc_num: AKH Wien</p>
<p>W1196 L250 Series # 3</p>	<p>St.date: 17/02/2000 St.time: 11.28.16 Acc_num: AKH Wien</p>	<p>DEMO PATIENT ID: 765432308 F 01/01/1950 Age: 065Y</p>	<p>W1196 L250 Series # 3</p>	<p>St.date: 17/02/2000 St.time: 11.28.16 Acc_num: AKH Wien</p>

MPR with MIP, MinIP & AVG

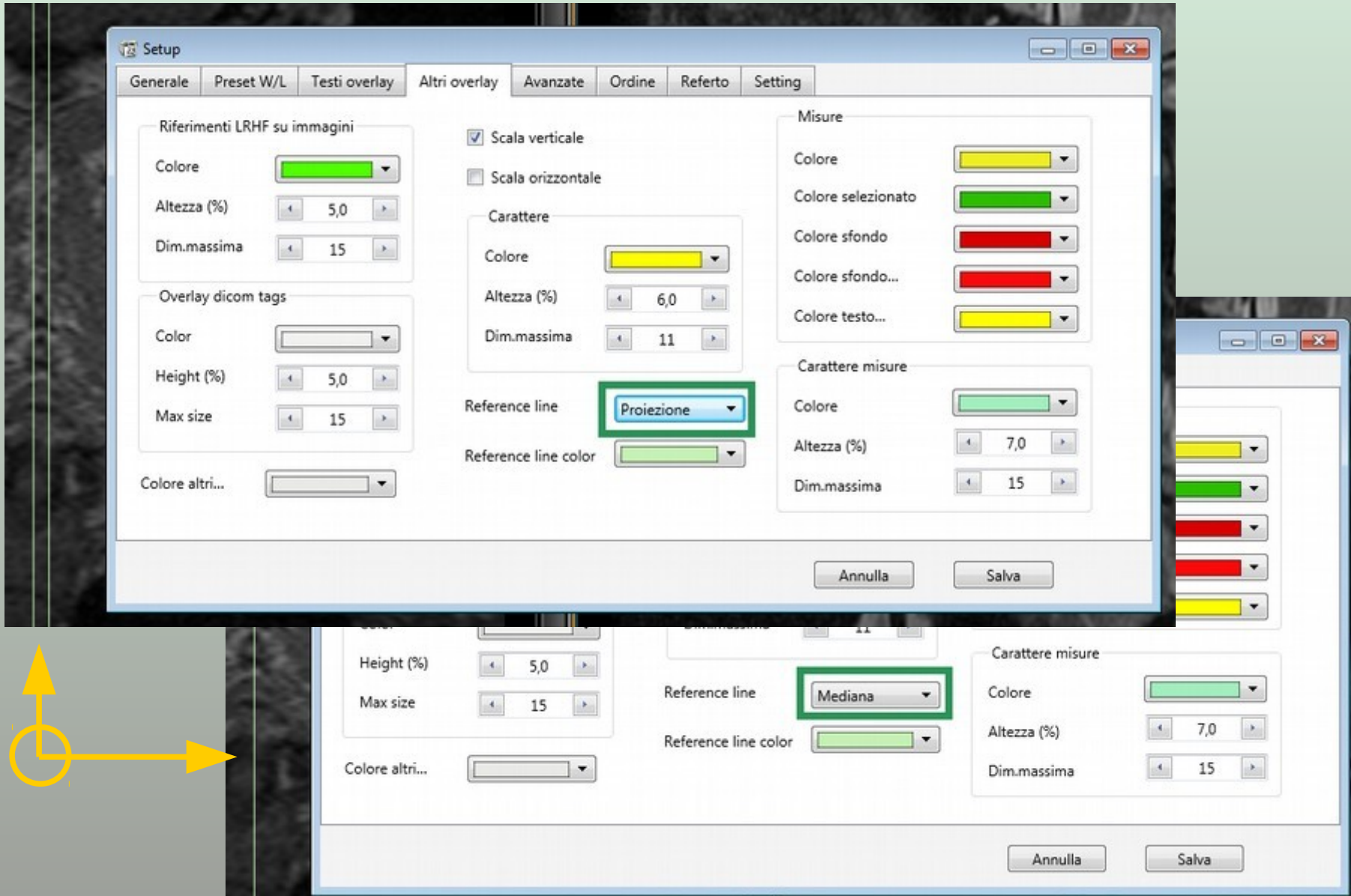


The image shows the 'Setup' dialog box in the SigmaVision 3.0.11.0 software. The dialog has several tabs: 'Generale', 'Preset W/L', 'Testi overlay', 'Altri overlay', 'Avanzate', 'Ordine', 'Referto', and 'Setting'. The 'Generale' tab is active. In the 'Lingua' section, 'Italiano' is selected. There are checkboxes for 'Monitor 1', 'Monitor 2', 'Monitor 3', 'Monitor 4', 'Lista studi aperta', and 'Lista studi al top'. The 'Lista studi aperta' checkbox is highlighted with a green box. Below this, there are controls for 'Intervallo refresh lista (min)' (set to 0), 'Dettaglio log' (set to None), and 'Zoom %' (set to 100). The 'Preset modi visualizzazione' section includes a 'Default' dropdown set to 'Collega serie' and a 'Abilita' checkbox. Below this, there are three rows for different modalities: CT, MR, and MG. Each row has a 'Modality' dropdown, a 'Scollega serie' dropdown, and a set of navigation buttons (left arrow, number, right arrow) and an 'X' button. The 'ababilita' checkbox is checked for each row. At the bottom of the dialog are 'Annulla' and 'Salva' buttons. In the top right corner of the software interface, the Soaviem logo is circled in yellow, with a yellow arrow pointing to the 'Setup' window title bar.

- setup parameters



- GPU or CPU processing



- Cine
- Header DICOM
- Link serie
- Print one (F1)
- Print all (F2)
- Esegui MPR
- Rimuovi serie
- Formato
- Open from dicomdir
- Open from files

Apri da files

Root dir C:\SigmaVisionBuffer\1.3.6.1.4.1.5962.99.1.2380369510.171920721.1458828316798.37244.0 ... Stop

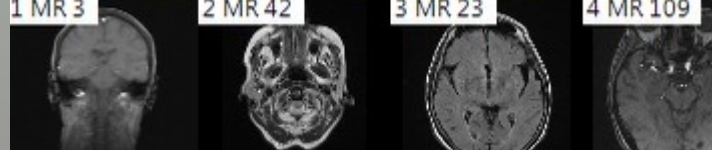
Studi: 1 File: 289 File non dicom: 0
Scan directory 10 di 13; C:\SigmaVisionBuffer\1.3.6.1.4.1.5962.99.1.2380369510.171920721.1458828316798.37244.0\1.2.
Lettura file 1 di 16; C:\SigmaVisionBuffer\1.3.6.1.4.1.5962.99.1.2380369510.171920721.1458828316798.37244.0\1.2.840.

View from CD or usb dongle

1:1:1
W523L236
TR:20.00 TE:5.00
ST:10.00 SL:0.00 localizer

MR NEURO ANGIO^ (01/05/1966) del 13/02/2015

1 MR 3 2 MR 42 3 MR 23 4 MR 109



Other available pugins to expand your workstation



2KA
4KA
10KA
NLA
NLEA

PACS Storage Manager

MediaL
Media
MediaXP

Patient Cd / dvd Manager

SigmaViewer

Viewer (local, cd & thin client WebServer)

SigmaVision

Workstation (local & thin client WebServer)

Composer

Dicom StorePatient Folder Creator

ComposerXE

DICOM Print Patient Folder Creator

WebServer

Web & RIS Server

WkfMGR


Workflow Manager

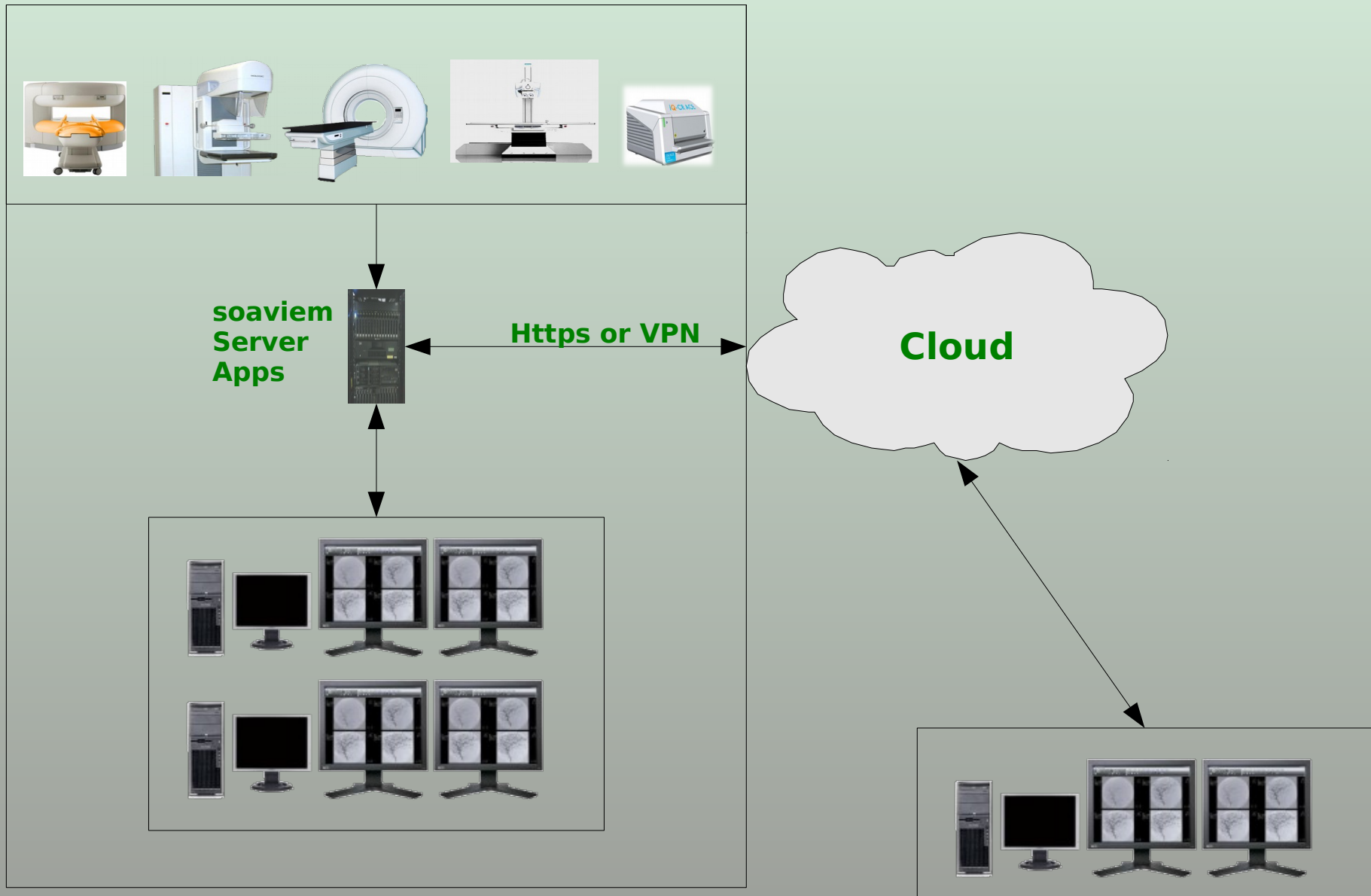
BckMGR

Backup Manager

RouteMGR

Route Manager

SigmaDicomStore ₀₄₂₆
RIS PACS architecture



Example with pacs, webserver and remote sigma vision

- **It works on Microsoft OS from Windows 7 SP1**
- **Manage up to 4 monitors**
- **View at same time actual and previous examinations**
- **DICOM PRINT and on paper also in 1:1 scale**
- **MPR with MIP, MinIP & AVG**
- **Images sort on multiple parameters (customizable)**
- **Measure Cobb angle for ortho**
- **Hanging protocols also for DBT Mammo**
- **Patient CD generation also un usb dongle**
- **Fast, simple, customizable and reliable**
- **CE Class IIa Medical Device to diagnose**

Thank you for you attention

luigi.cerrato@soaviem.it

348 3741220

<https://www.soaviem.it>