ᴧ alma | WORKSTATION

4.2 Version

The ultimate solution for ideal diagnostic image processing in your daily practice.

Suite of advanced medical viewers including last generation diagnostic and pre-surgical planning tools.
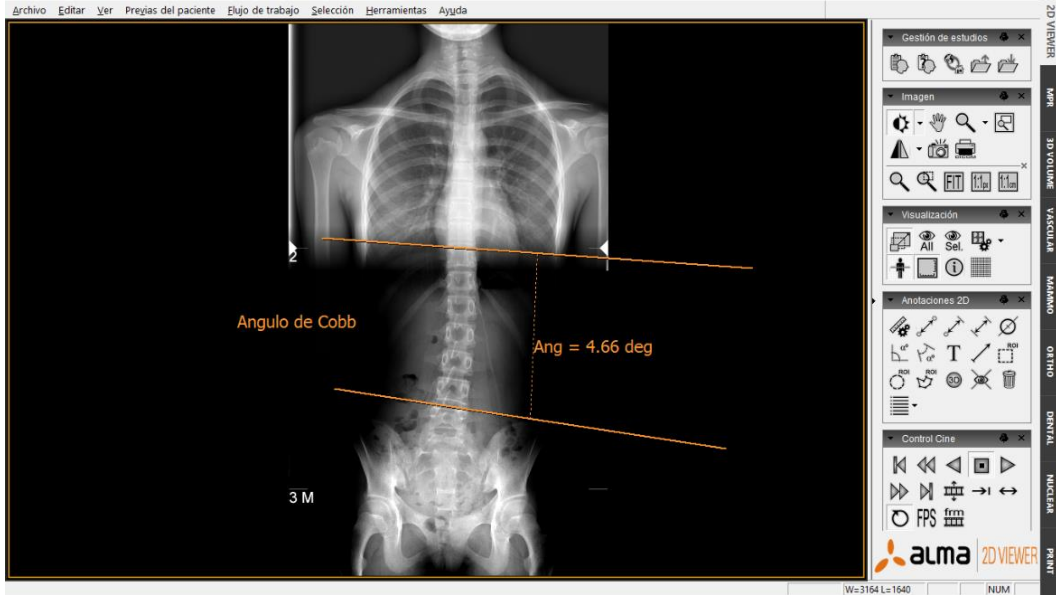
General News

- Installation by machine / User
- Fusion temporal studies with different Patient ID
- Configurable display detailed information on the Studies Manager mode

Hanging Protocols and Workflows

- Ability to add several descriptions of study
- Ability to add multiple modalities

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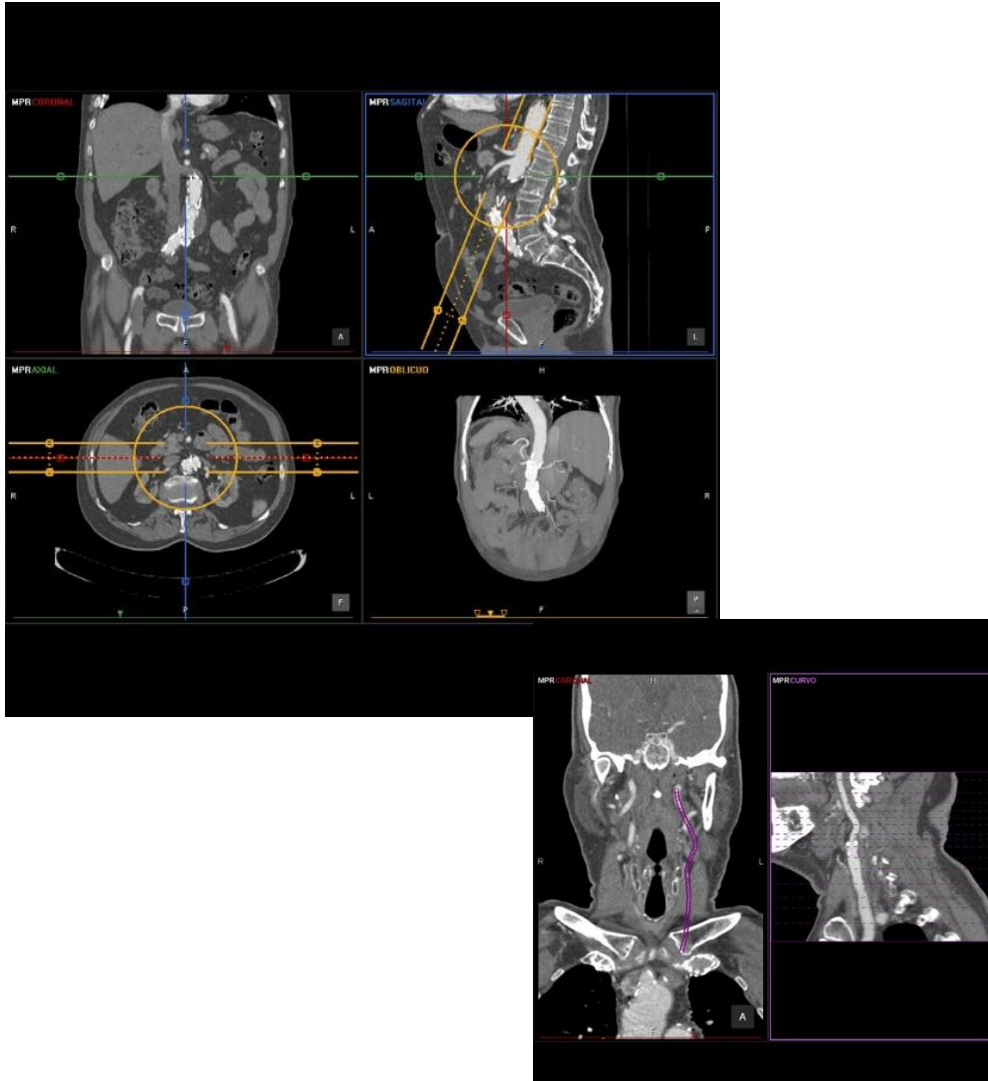
Alma 2D VIEWER

Medical imaging diagnostic viewer that incorporates the ultimate visualization and diagnostic evaluation technology tools.

- Comparison of series
- Automatic recognition and comparison with previous examinations
- Key Image Notes (KIN)
- Digital subtraction
- Capture and export of images

new

- Datasets Management in multistream MR series.
- Electrocardiograms management:
  - 3 display modes (1 channel, 12 – lead and all channels).
  - Temporal measurement tools and voltage incorporation.
  - Fusion of electrocardiograms for co–registration and comparison.
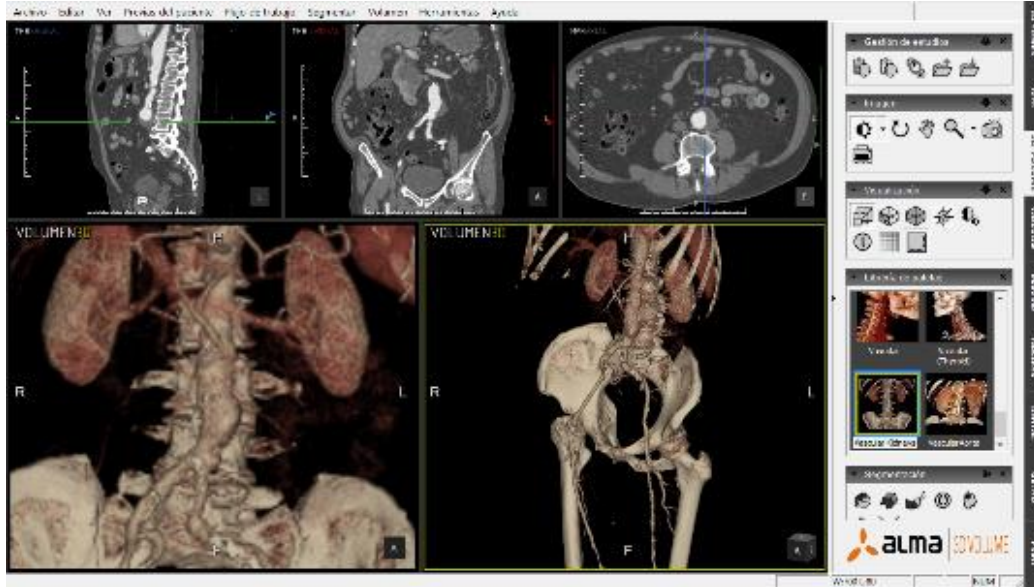
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Alma MPR

Viewer for multiplanar reconstruction. Automatically provides multiplanar images (sagittal, coronal and axial) and oblique MPR reconstruction. With this last reconstruction we can work in any plane of space to obtain different types of high quality diagnostic images.

- Generation of new series
- Oblique MPR
- Curved MPR
- MIP, MinIP, VR and Average
- Hanging Protocols and Workflow

new

- Synchronized zoom on selected views

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Alma 3D VOLUME

Advanced 3D volume viewer. Automatically executes real–time and interactive three–dimensional reconstructions and multiplanar high quality diagnostic images.
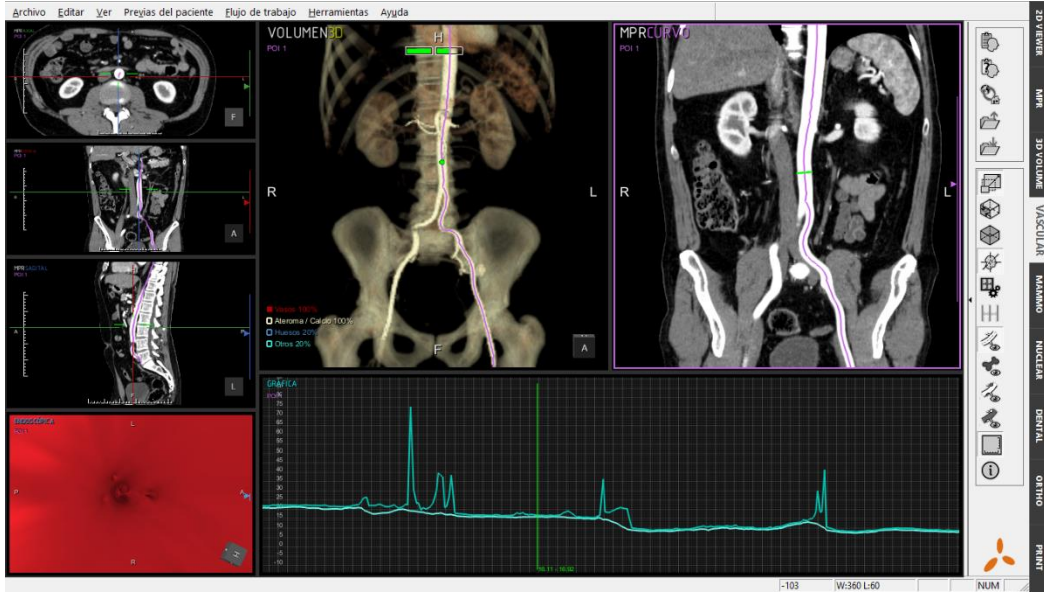
- Automatic Segmentation tools
- Color Palettes specialized library
- Volume Rotation and Handling
- Advanced MIP, MPR and Volume Rendering views
- Hanging Protocols and Workflow

new

- New MIP view
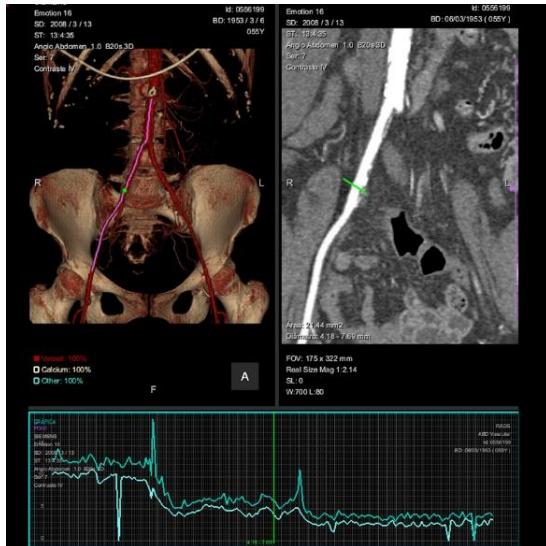

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Alma VASCULAR

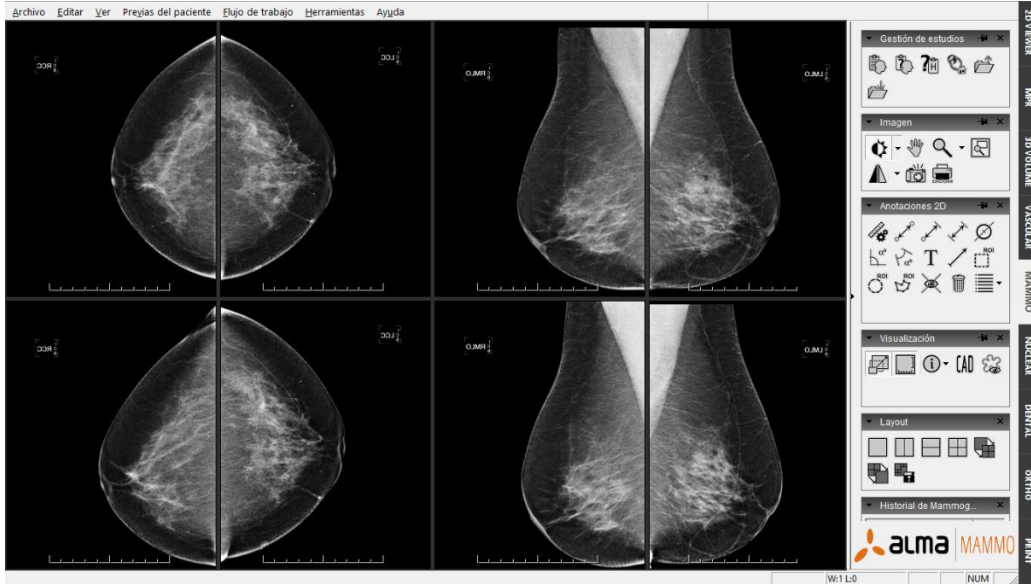Specialized viewer with advanced tools to perform vascular and stenosis analysis.

- Automatic segmentation of Vascular Structures
- Advanced views for MPR, Curved MPR, Panoramic, Paraxial, Endoluminal fly through, etc.
- Vascular analysis and stenosis relevant data
- Calcifications analysis
- Automatic detection of Vascular Centerlines

new

- Reference lines in MPR views
- Oblique MPR reconstruction
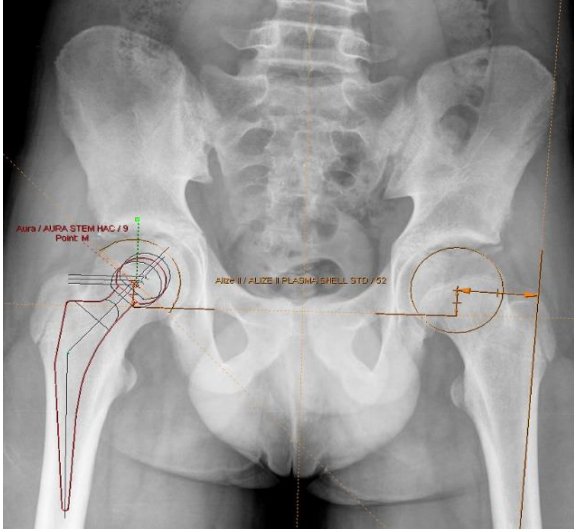

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Alma MAMMO

Viewer specifically designed for the diagnostic evaluation of Mammographies and Tomosynthesis exams. It offers an advanced management of Hanging Protocols and Workflows.

– Synchronized presentation of Mammographies and Tomosynthesis.
– Magnifier advanced tools
– Reading of CAD marks
– Automatic detection and comparison with previous examinations.
– Display Protocols adapted setup

new

– Tomosynthesis viewing studies:
    – Scroll
    – Comparative magnifying glass
    – Possibility to change screen view 2D / Tomosynthesis.
– Management of previous studies with the possibility to compare studies MG with CR studies.

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Alma ORTHO

Specialized viewer that provides specific tools in Orthopedics and Traumatology for pre and post-surgery planning of large joints prosthetic implants.

- Database with more than 5.500 digitalized Prosthesis Templates.
- Prostheses Implant automatic Planning
- Telemetry
- Semiautomatic reposition of fractures
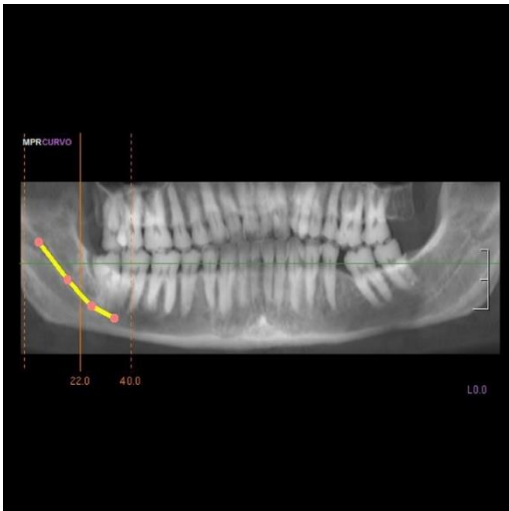- Postsurgical Tests (Lee&Charnley, Gruen and Acetabular).

new

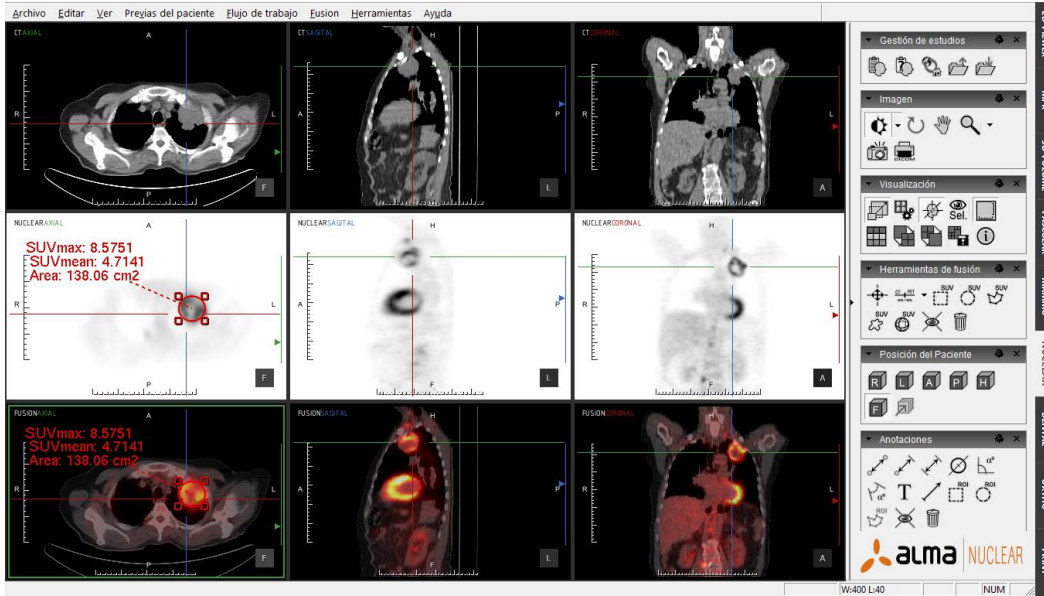- Cropping the image for the reposition of fractures.

Alma DENTAL

Specialized viewer that includes advanced tools for image-based diagnostic aimed at Dentistry and Maxillofacial Surgery medical specialties.

- Automatic generation of Ortopantomographies and Ortorradial Images.
- 3D Reconstruction
- Allows the user to bring out the Alveolar/Maxillary Nerve.
- MPR, MIP, MinMIP and Average Reconstructions
- Automatic generation of Paraxial Images by parts/segments of the Dental Arch.
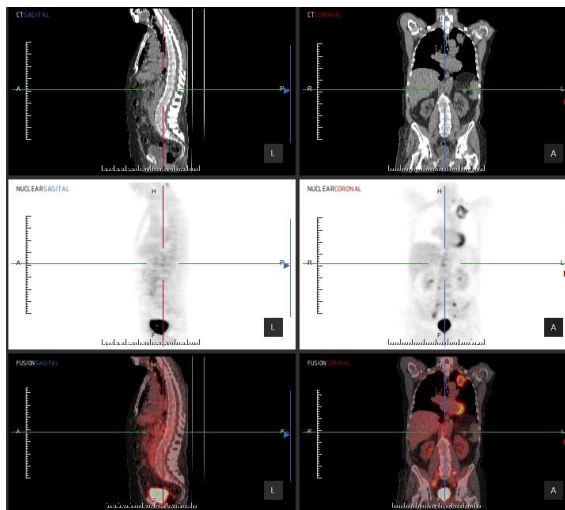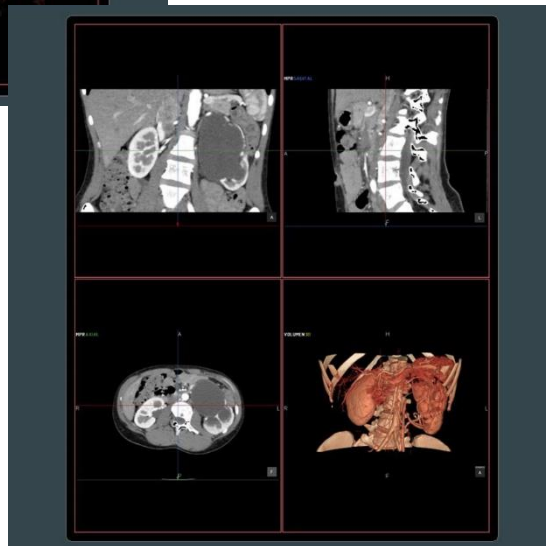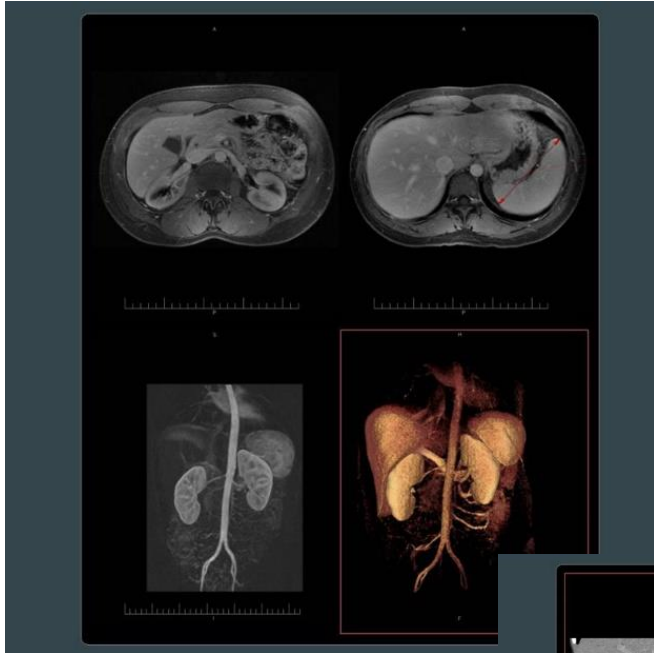
Alma NUCLEAR

Specific Nuclear Medicine viewer designed for fusion of CT and PET images, resulting in PET/CT images. The fusion tool shows the metabolic image (Nuclear) colored over the anatomical image (CT), allowing a detailed location of the injury and an accurate diagnosis.

- Advanced tools for the fusion of the Scanners CT/PET and CT/SPECT.
- MPR of CT, PET/SPECT and FUSION images
- Tools for the quantification of SUV (Standard Uptake Value) and ROI.
- Specific library of color Palettes in the fusion image
- Hanging Protocols and Workflow

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Alma PRINT

Viewer for radiological exams printing that allows the user to previously setup the geometric views and the printing details (magnification, grey scale, number of views and pages, etc.) with a user–friendly and intuitive interface.

- DICOM printer connection
- Interactive configuration
- DICOM printing (film) and Windows printing (paper).

new

- Full screen zoom image
- Managing images independently

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You have installed the latest version of Alma WORKSTATION 4.2. If you have any questions please contact the Technical Support Team:

support@alma-medical.com

All Alma Medical Imaging Viewers are validated by the IHE, compliant with DICOM Standard Regulations and, therefore, are prepared to work with integrated health information systems like HIS / RIS / PACS.

Also, meet the requirements of Directive 93/42 / EEC about medical devices and have been certified by SGS United Kingdom Limited (notified organism number 0120), obtaining the CE mark class IIb.

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