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The intelligent solution for radiological reporting

EYERAD is an advanced radiological reporting workstation designed to streamline diagnostic workflows, accelerate image access, and improve reporting efficiency.

Designed for performance and ease of use, **EYERAD** combines fast image visualization, interoperability with PACS and RIS, and an intuitive, customizable working environment. The result is a workstation that adapts to the radiologist's needs and the facility's workflow, allowing users to focus on diagnostic activity rather than system complexity.

A flexible, multimodality and interoperable workstation designed to simplify radiological reporting and adapt to the radiologist's way of working.
From general radiology to mammography and tomosynthesis, **EYERAD** combines fast image access, intelligent prior-study management, customizable workflows, and integration with PACS, RIS, and AI systems in a single reporting environment.

EYERAD AT A GLANCE

MULTIMODALITY	MAMMOGRAPHY & DBT	AUTOMATIC PRIOR PREFETCH	CUSTOMIZABL HANGING PROTOCOLS	DICOM SR CAD & AI
Management of different type of DICOM images within the same working environment.	Dedicated workflows for mammography and breast tomosynthesis.	Automatic retrieval of prior studies for faster comparison.	Automated and customizable display management based on the user and workflow.	Visualization of standard mammography AI results and integrated AI workflows.

WHY EYERAD

Instant access to images and data
Fast study retrieval and smooth navigation through images, series, and prior patient exams.

Seamless integration
IInteroperability with DICOM-compliant modalities, PACS, and RIS systems.

Optimized reporting workflow
Tools and display modes designed to reduce operational steps and make study review more efficient.

Flexible and user-centric
Configurations adaptable to user preferences and different clinical requirements.

ADVANCED IMAGE MANAGEMENT

- Contrast and brightness adjustment
- LUT inversion
- Zoom and magnification tools
- Multislice and cine visualization
- MIP and Thick Slab rendering
- Precise measurement and annotation tools
- Comparison with prior studies
- Automated prefetch of prior studies
- Synchronization of 3D series in volumetric exams

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FAST · FLEXIBLE · INTEGRATED

ONE WORKING ENVIRONMENT

Diagnostic images, prior studies, AI results, and analysis tools
can be reviewed within the same workflow,
reducing the need to switch between separate applications during study review.

A MULTIMODALITY WORKSTATION

EYERAD is designed to operate within the standard radiology ecosystem and allows different types of DICOM images to be managed on the same workstation. The interface and workflow can be configured according to the diagnostic activity and user preferences, creating a consistent and intuitive working environment.

MAMMOGRAPHY & TOMOSYNTHESIS

EYERAD places particular emphasis on mammography and breast tomosynthesis workflows, with dedicated tools that facilitate study review and comparison. The management of 2D and volumetric images is integrated into the standard reporting environment, ensuring fast and intuitive navigation between images, series, and prior studies.

AI RESULTS MANAGEMENT

- Visualization of standard mammography AI results in DICOM SR CAD format
- Dedicated workflows with integrated AI results
- Processed data displayed directly within the reporting environment

INTELLIGENT WORKFLOW

- Interactive browsing of patient studies
- Workflow-driven navigation shortcuts
- Hanging protocols for automated display management
- Predefined and customizable LUTs
- Automatic management of prior studies through prefetch

INTEROPERABILITY & CONNECTIVITY

EYERAD integrates into existing radiology infrastructures through the DICOM standard.

- Receives DICOM images from modalities and PACS
- Automatically retrieves prior studies
- DICOMDIR media import and export
- Printing to DICOM printers
- Printing to Windows printers

EYERAD is a neutral vendor system.
The ability to work with different DICOM systems allows **EYERAD** to integrate into heterogeneous environments, in accordance with the compatibility documented in the DICOM Conformance Statement.

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DESIGNED AROUND THE RADIOLOGIST

EYERAD does not impose a single way of working: the reporting environment can be configured according to the user and clinical activity.
Hanging protocols, display settings, LUTs, and navigation tools make it possible to create a workflow aligned with the radiologist's working preferences.

HIGH-RESOLUTION VISUALIZATION

EYERAD supports multi-monitor configurations with high-resolution medical displays, allowing the workstation to be adapted to different diagnostic requirements.
Support for 10-bit capable graphics cards enables compatible medical displays to be used to their full potential.

RECOMMENDED CONFIGURATION

HARDWARE	SOFTWARE
• Intel i7-class processor or higher • RAM 16 GB • SSD ≥ 500 GB • Ethernet 1 Gb • 10-bit capable graphics card • High-resolution medical displays • UPS	Microsoft Windows 11 Pro

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GENERAL OUTLINE OF THE SYSTEM

