

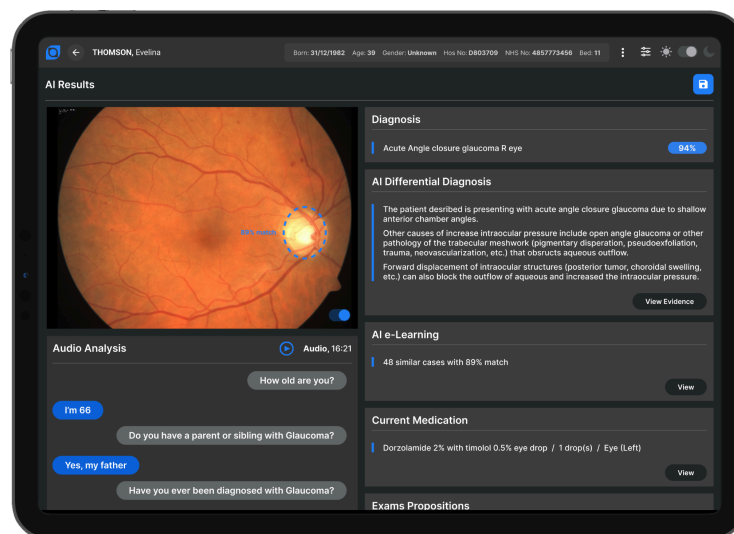
Eyonix Eye Care Software Solution: Transforming Ophthalmic Care Through Comprehensive Digital Patient Records

Executive Summary

Eyonix is a cutting-edge eye care software solution specifically designed for ophthalmologists and optometrists, enhancing patient care through seamless, comprehensive, and chronological digital medical records. Eyonix is the only solution that integrates all diagnostic modalities and is both modality-agnostic and DICOM-agnostic, ensuring compatibility across all imaging systems and standards. This unique capability allows for the smooth integration of data from various sources, providing clinicians with a complete picture of a patient's eye health.

With integrated features such as DICOM image handling, measurement tools, Optical Coherence Tomography (OCT), and image enhancement capabilities, Eyonix provides a unified user experience that consolidates all patient data-structured, unstructured, and visual-into one intuitive platform. Eyonix is more than just a record-keeping system; it is a powerful diagnostic and treatment tool that optimises clinical workflows, improves patient outcomes, and increases efficiency for eye care professionals.

Eyonix has been successfully implemented at the Singapore National Eye Centre (SNEC), the largest eye care hospital in the world, further proving its ability to meet the demands of high-volume, world-class eye care institutions.



Key Features of Eyonix Eye Care Software

Comprehensive Digital Patient Medical Records

Eyonix offers a centralised, chronological repository of all patient records, ensuring ophthalmologists and optometrists can quickly access complete medical histories at the point of care. These records include DICOM images and both structured and unstructured data, such as notes, prescriptions, and test results.

Modality-Agnostic and DICOM-Agnostic Integration

Eyonix is the only solution that integrates all imaging modalities-including fundus photography, OCT, corneal topography and more, regardless of the manufacturer. It is fully DICOM-agnostic, meaning it can support images from any system that follows the DICOM standard, ensuring seamless integration across a wide range of devices. This capability eliminates the need for multiple specialised software solutions and enables clinicians to access and compare images from any modality, all within a single platform.

DICOM Image Integration

With support for DICOM standards, Eyonix ensures that all diagnostic images-such as those produced by fundus photography, corneal topography, and OCT-are fully integrated into the patient record. This guarantees high-quality imaging that can be used for both diagnostic and comparative analysis.

Optical Coherence Tomography (OCT)

One of the standout features of Eyonix is its seamless integration of OCT data. Users can view, compare, and analyse OCT scans within the same platform, making it easier for clinicians to track disease progression and enhance diagnostic precision.

Image Comparison and Enhancement Tools

Eyonix provides image comparison windows that allow clinicians to view multiple images side by side, which is particularly beneficial when comparing historical scans to detect subtle changes in conditions like glaucoma or diabetic retinopathy. The platform also includes advanced image enhancement tools, allowing users to adjust contrast, brightness, and sharpness for clearer visualisation.

Annotations and Measurement Tools

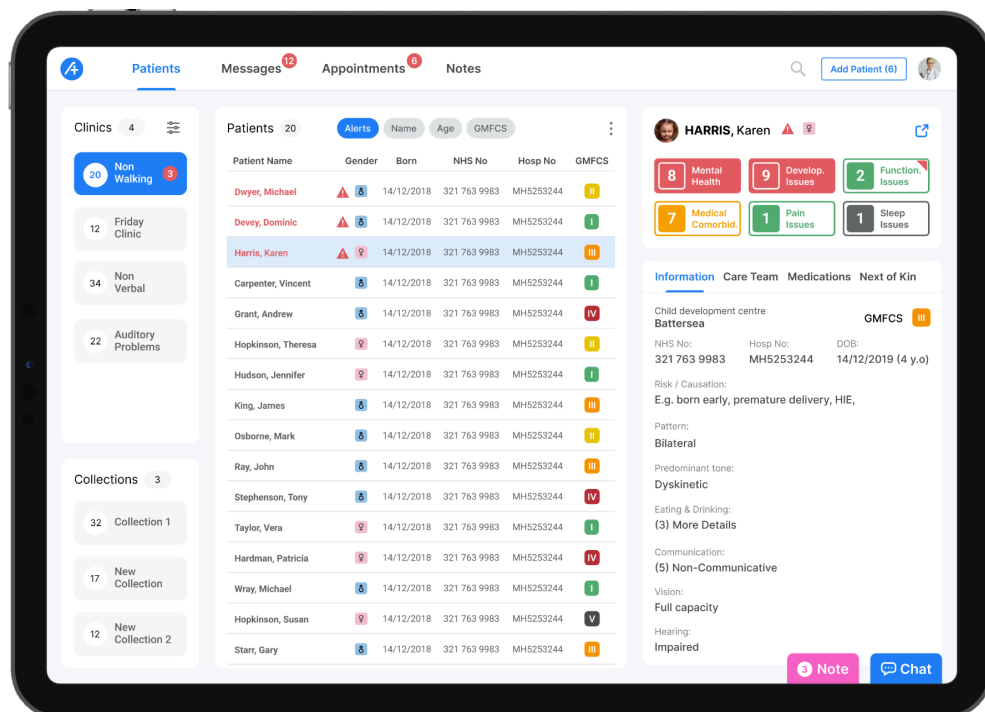
Eyonix includes built-in measurement tools that allow clinicians to mark, measure, and annotate specific areas of interest directly on images. These annotations are saved as part of the patient's record, making it easy to track observations over time and collaborate with other professionals.

Structured and Unstructured Data Integration

The software accommodates both structured data (such as numerical test results) and unstructured data (like free-text notes). This enables ophthalmologists and optometrists to document everything from diagnosis to treatment plans, ensuring no critical information is missed.

Single User Experience (UX) View

Eyonix was developed in collaboration with ophthalmologists and optometrists from leading eye care hospitals worldwide. Unlike other systems that force users to switch between different windows or applications, Eyonix offers a unified experience, bringing all patient data into a single view. This streamlines workflows, reduces cognitive burden on clinicians, and ensures easy access to all essential information.



Benefits of Eyonix for Ophthalmologists and Optometrists

Enhanced Diagnostic Precision and Patient Outcomes

By integrating all patient data—including high-resolution DICOM images, OCT scans, and chronological records—Eyonix empowers clinicians to make more accurate and timely diagnosis. The ability to compare current and past images side by side enables early detection of disease progression, which is vital for conditions like macular degeneration or glaucoma. Advanced image enhancement tools allow even the smallest changes to be visible, aiding early intervention and improved patient outcomes.

Improved Workflow Efficiency

Eyonix's single-user experience view eliminates the need for clinicians to navigate between multiple systems or paper-based records, saving time and reducing the likelihood of errors. The ability to store and retrieve all patient data within a single platform facilitates faster decision-making, allowing clinicians to devote more time to patient care rather than administrative tasks.

Seamless Collaboration and Continuity of Care

The platform's capability to manage both structured and unstructured data, along with annotations, makes it easier for multiple clinicians to collaborate on a patient's case. When patients require referrals or second opinions, all relevant data—including images, measurements, and notes—are readily available in a standardised, easily shareable format. This promotes continuity of care, ensuring that every healthcare professional involved in the patient's treatment has access to the same comprehensive dataset.

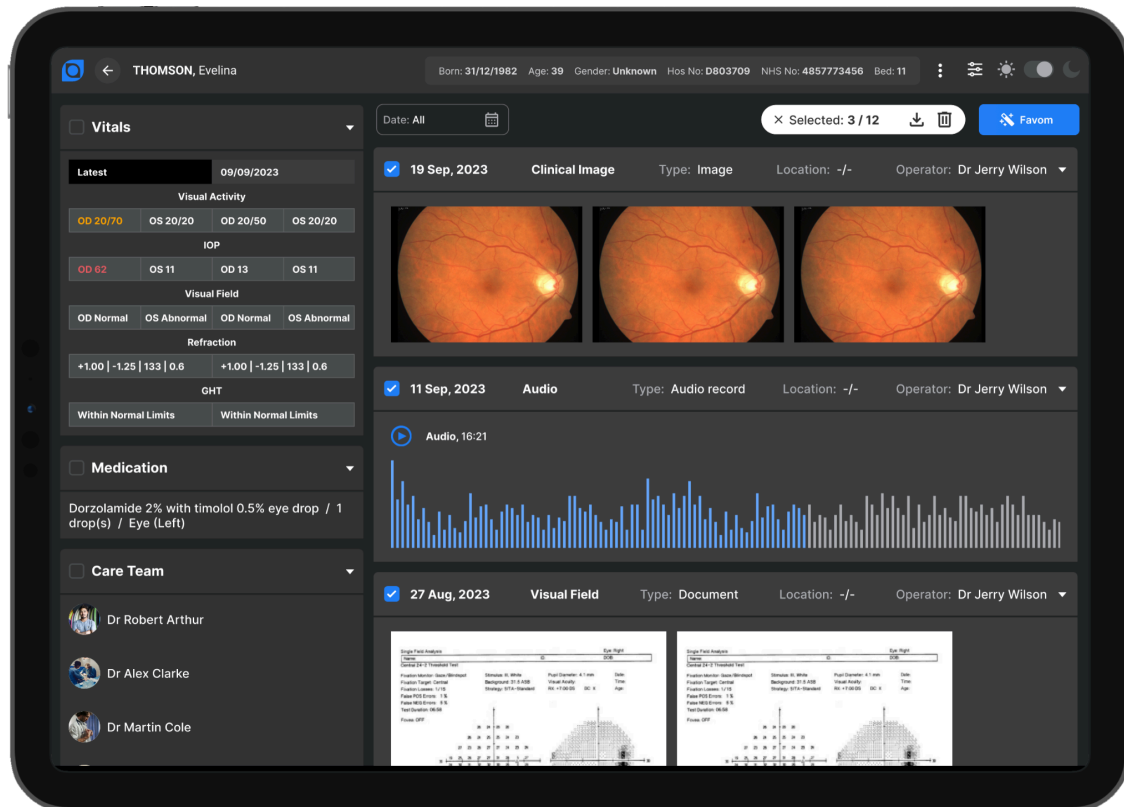
Reduced Diagnostic Imaging Costs

With Eyonix's image comparison and enhancement tools, clinicians can extract more diagnostic value from existing images, potentially reducing the need for additional imaging studies. For instance, instead of performing new OCT scans, practitioners can re-examine past images using the platform's enhancement tools, saving both time and cost while maintaining high diagnostic standards.

Increased Patient Engagement and Satisfaction

Today's patients are more informed and involved in their healthcare decisions. Eyonix allows ophthalmologists and optometrists to present patients with clear, annotated images and concise explanations of their conditions, fostering better

understanding and engagement. The chronological arrangement of data also helps patients see the progression or improvement of their eye health over time, leading to higher satisfaction and trust in their care provider.



Why Choose Eyonix?

Proven Success at the Singapore National Eye Centre (SNEC)

Eyonix has already been deployed successfully at the Singapore National Eye Centre (SNEC), the largest eye care hospital in the world. SNEC is renowned for delivering top-tier ophthalmic care to a global patient base, and the adoption of Eyonix within this leading institution demonstrates the software's capability to handle the complex demands of large-scale, high-volume clinical environments. Eyonix's robust features and optimised workflow support have enabled SNEC to streamline their operations and continue providing world-class care, setting a high standard for eye care solutions globally.

Eyonix distinguishes itself from other eye care software solutions by offering a comprehensive approach to patient data management, diagnostic support, and workflow optimisation. It is designed specifically for the needs of ophthalmologists and optometrists, providing tools and features that enhance every aspect of patient care, from diagnosis to treatment planning.

- **Comprehensive yet intuitive:** Eyonix combines all necessary clinical tools into a user-friendly platform, streamlining complex workflows.
- **Modality-agnostic and DICOM-agnostic:** Eyonix is the only solution that supports all imaging modalities and DICOM formats, ensuring full compatibility with any equipment or system.
- **Future-proof:** By adhering to DICOM standards and integrating the latest OCT technologies, Eyonix ensures that your practice remains at the cutting edge of eye care innovation.
- **Scalable:** Whether you are a solo practitioner or part of a larger clinic, Eyonix adapts to your workflow and can easily integrate with other practice management systems or electronic health records (EHRs).

Fortrus brings over 15 years of experience in delivering innovative software solutions to the NHS, Singapore, and the Middle East, solidifying its reputation as a trusted partner in healthcare digital transformation across diverse healthcare systems worldwide.

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