

glaucoma	refractive	strabismus
cornea	vitreoretinal	retina
cataract	orthoptic	adnexal
uveitis	surgery	armd

AFFORDABLE, INNOVATIVE, ADAPTABLE, RELIABLE

Dox Oculi sits alongside a suite of software which has been managing medical records in Australian day hospitals for over a decade.

For day hospitals, Dox brought patented innovation in managing medical records as well as significant improvements in administration efficiency. The software's original design had proved both appropriate and adaptable, so little changed when it underwent a complete redevelopment in 2015 to incorporate the revolution of dot Net and HTML5. Oculi carries its innovation in its drawing elements and its graphical and illustrative presentation of the patient's history.

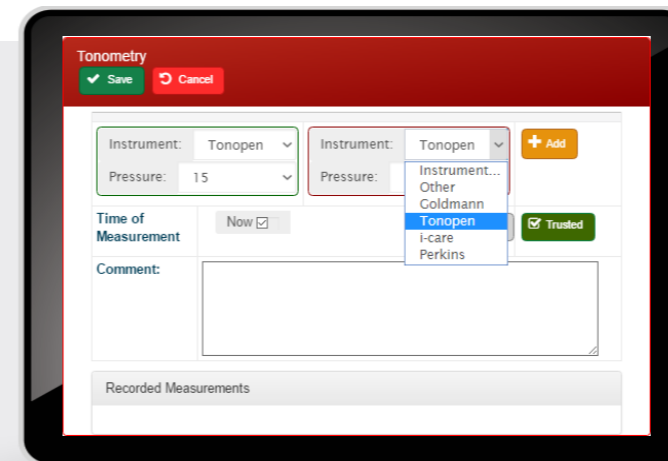
Oculi merges clinical records and a diagnostic image PACS in the one system; data, notes, correspondence and images are available within a common system. This amenity of a single repository for all of a patient's information is available in a single location or across a distributed network of clinics and hospitals.

Correspondence is facilitated with contemporary tools such as optional speech recognition, secure electronic messaging to and from other healthcare professionals, and optional integration with the federal government's My Health Record service for a patient's personally controlled electronic health record.

Where an organization uses Dox systems for hospital medical records, as well as ophthalmic clinical records, a seamless sharing of data exists between the two environments for appropriately authorized users.

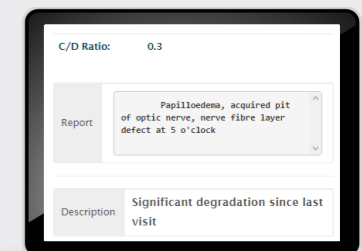
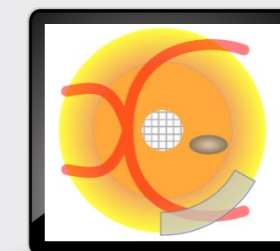
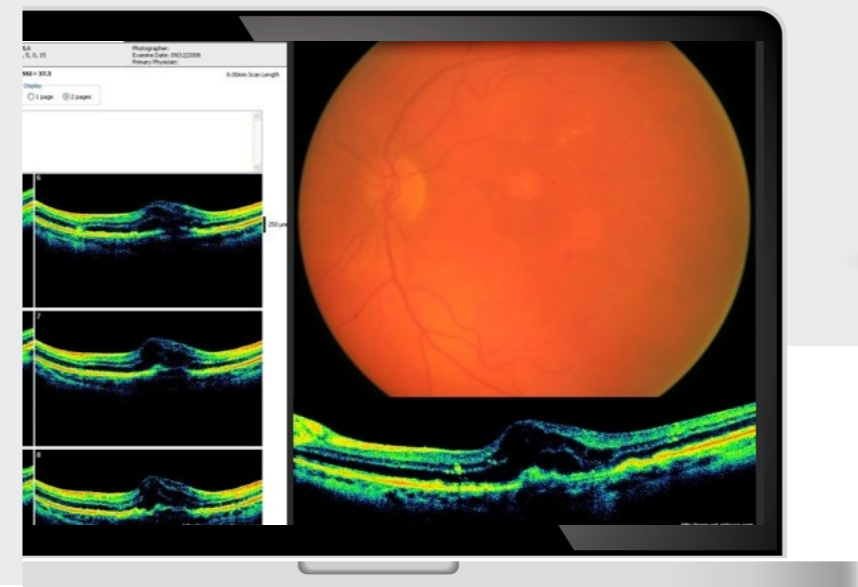
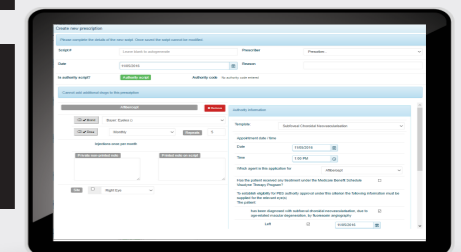
Data security and integrity are assured with the use of Microsoft SQL Server™ and rigorous attention to user authentication and to process verification for any data access.

All Dox systems, in particular Oculi, exploit the now lower costs and ubiquity of touch screens and portability. Oculi functions best in a Windows™ 10 environment but runs well in Windows 8.1 and also runs on the Safari browser found on Apples iPad™ tablets.



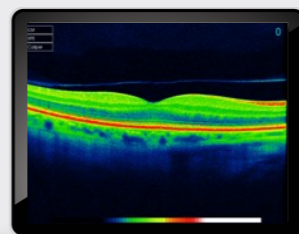
Oculi EMR

Medical Records for Ophthalmology

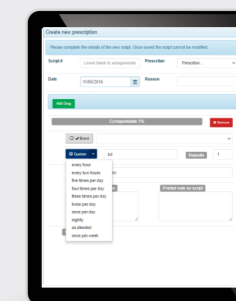




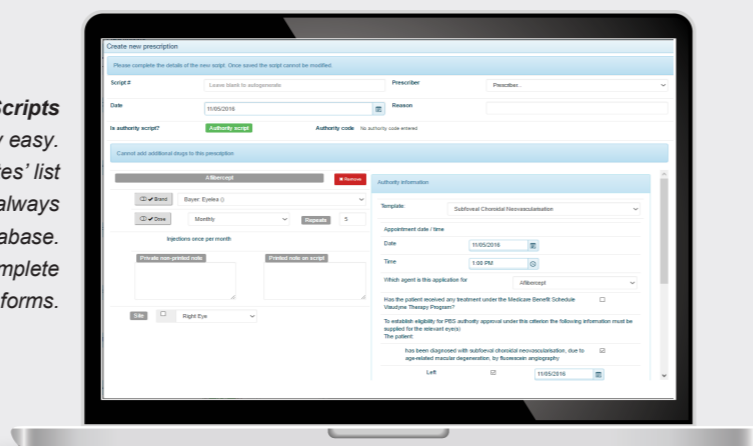
This exam made easy
The patient's clinical condition places them on a Preferred Practice Pathway that suggests appropriate exam elements. Many elements are rapidly and faithfully documented using Oculi's assisted drawing templates.



Assisted drawing
Document a clinical condition just like the classic hand drawn illustrative approach, but now its so very easy, and intuitive, and the result looks the same doctor by doctor. Oculi even automatically generates text for your notes or correspondence.



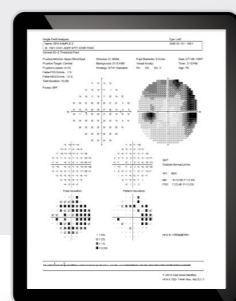
PBS Scripts
Standard or authority, its equally easy. Select the medication from your 'favourites' list for the patient's condition or search the always current database. Authority scripts go the extra mile to complete and securely lodge the authority request forms.



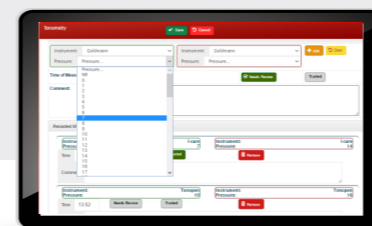
Seeing is knowing
The patient's principal page carries a graphical presentation of clinical data and interventions over time. Any result from a change in IOP medication for example is immediately apparent from the overlay of medication and pressure plots. Below that graph, which can be hidden away, are the records from the exams of prior visits. The patient's social, family and general clinical histories are also available here.



It's an electronic medical records system, but not as you've known them. Everything old is new again.



Rejuvenate older instruments
Older equipment, visual field analysers for example, which could only print their data, can be interfaced with Oculi to automatically transfer data and images to the patient's EMR.



Assisted Drawings

Ophthalmic disorders are often best detailed using illustrations or drawings. These are the 'lingua franca' of ophthalmology. Oculi eclipses previous attempts to use a computer for such drawings as it presents classic and readily identifiable drawing templates which are easily manipulated and annotated. The manipulation of these drawings also auto-generates appropriate text notes.

Grahical presentation of history

Each patient's principal page in the record has a graph which carries all key data points for the conditions and interventions you have nominated as important to tell the story. If IOP and prescribed medications have been included for example, the effect of changing a drug or dose is readily apparent. There is an extensive array of recorded data and interventions available for graphical presentation.

DICOM

Digital Imaging and Communications in Medicine is a standard for handling, storing, printing, and transmitting information in medical imaging. Oculi offers DICOM capability to interface with many ophthalmology instruments. The interface accepts images and data in the background and embeds them appropriately into the patient's medical record.

PBS Scripts

All PBS items are listed in Oculi's database which has a free monthly update. Select from your preferred list for the patient's clinical condition or search by generic or trade name. Script parameters are again available from personal preferences or standard selections. Authority scripts include automatic generation and tendering of the authority request forms after completing the questionnaire on screen.

PACS

Oculi includes a picture archiving and communication system (PACS) for medical imaging. It provides economical storage and convenient access to images from multiple modalities. Images may be viewed at any authorised PC. Older instruments such as legacy visual field analysers can be interfaced to capture what is normally printed; images and extracted key data automatically go into the patient's record.

Effective and efficient

An ophthalmology practice is more than the practitioners. Oculi caters to the requirements of orthoptists and administration staff as well. Patient's are tracked as they progress through their visit; progress times are recorded. Correspondence is handled electronically with optional speech recognition and with secure electronic messaging to and from referrers. Oculi interfaces with popular billing systems.