



OpenEyes™

# OpenEyes Release Notes

Version 6.8.0

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# Table of Contents

|  |   |
|--|---|
| Disclaimer .....                       | 3 |
| OpenEyes™ Version .....                | 3 |
| Release Date .....                     | 3 |
| Summary .....                          | 4 |
| Key Benefits / Executive Summary ..... | 4 |
| Deprecated Features .....              | 7 |
| Upgrade Instructions .....             | 7 |



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## OpenEyes™ Version

OpenEyes Version 6.8.0

## Release Date

18.09.2024



# Summary

## Key Benefits / Executive Summary

This is a major release. It contains a few new features, several usability improvements and major updates to the software stack and security.

### New Features:

1. Electronic signatures for Consent, Correspondence, Prescriptions and eCVI
  - a. Includes support for linked iPad and Android tablets, drawing pads and direct signing on-screen with finger, stylus or mouse, for patient signatures
  - b. Includes signing via PIN for clinician signatures
2. Redesigned Consent event, including full support for patients without the capacity to consent (Consent form 4)
3. A new clinic worklist screen, with pathway management and step tracking
4. Support for Emergency Care Dataset (ECDS) for Accident & Emergency (Eye Casualty) events
5. Ability to capture “Clinic procedures” performed during Examinations / clinic visits
6. Triage for Eye Casualty
7. Drawing templates with support for freehand drawing
  - a. Supports drawing with pen/stylus on touch-screens, plus support for drawing tablets and mouse on non-touch-screen devices.
8. Contextual patient link to Cerner HIE records, for regions that use this system
9. Contextual patient link to Civica CITO document management system, for locations that use this system
10. Support for the AMD NOD Audit (2022)
11. Association of ICD-10 code with disorders in addition to SNOMED CT codes.
12. Eyedraw: Pupil distortion



13. Introduction of shared mailboxes
14. Auto-save and restore “in progress” examination events.
15. Added feature to manually add visual field events.
16. User configurable templates for operation notes
17. New Lacrimal Eyedraw Examination element and doodles

### **Improvements/Fixes:**

1. Full text macros for Examination -> History
2. Allow clinic locations and follow up options to be set per virtual clinic queue
3. Recording of multiple, timed observation results
4. Record of Allergy reactions in Examination -> Allergies
5. Support for automatic Patient merge messages (A18) from PAS
6. Improvements to the Glaucoma Tube operation note
7. Automatic recording of Did Not Attend in patient record from PAS ADT messages
8. Pre-set comments for use with Examination->Investigations
9. Ability to add patients to trials directly from the patient header
10. Custom PAS information can be added to worklists (worklist definition mappings)
11. Authorised users can supply and administer PGD in the drug administration event.
12. The “LogMAR” and LogMAR “single-letter” Visual Acuity Scales have been renamed to “LogMAR 1dp” and “LogMAR 2dp” respectively, to avoid confusion about the number of decimal places.
13. Improved size of lightning images and ability to lock lightning view in place on the event list and scroll, while there are multiple pages.
14. Telephone messages type added to message event.
15. Drug administration screen improvements
16. Option to disable PIN when signing certain events (default still require PIN)



17. Optional shortcut to close all incomplete examination elements (default is off).
18. Additional options added to Near Visual Acuity N-Scale and N-Scale has been renamed to "N-Scale@40cm" to clarify the distance that has been used for conversions with other scales.
19. Added help information to Administration screens, providing details of settings.
20. Support for alternative national Ethnic Group Codes
21. Ability to re-order comments in investigation admin
22. Enable both eyes option by default for operation notes in Oculoplastics, Strabismus and Adnexal
23. For multi-tenant installations, it is now possible to add more shared configuration across all tenants
24. A few tweaks and improvements for Oculoplastic eyedraw - including a new doodle for Epiphora
25. Increased allowed ranges for Retinoscopy and IOL powers

### **System Improvements**

1. Upgrade platform to PHP8, Ubuntu 22.04 and MariaDB 10.6 (improved security and performance)
2. Upgrade to Yii Framework 1.1.27



## Deprecated Features

Deprecated features are still available but are no longer recommended / supported. Where a deprecated feature has a recommended replacement, it will be noted below.

The following features have been deprecated in this release:

- Use of *protected/config/local/common.php* for local configuration, all configuration has now moved to environment variables.

## Retired Features

The following features have been removed in this release and are no longer available:

- Kowa Stereo event
- The “Lids Medical” element has been renamed to “Lids Posterior”, but otherwise the feature is unaffected and will remain indefinitely

## Upgrade and Post-update Instructions

Full upgrade, install and post-update instructions are available at:

- <https://github.com/AppertaFoundation/openeyes/wiki>