Quick Tutorial:
Basic Navigation and Functions

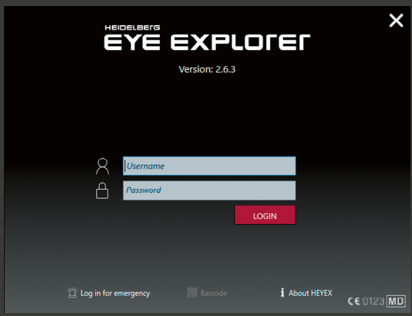
HEIDELBERG
EYE EXPLORER
HEYEX 2

HEIDELBERG ENGINEERING
ACADEMY

Getting Started!

Starting HEYEX 2

HEYEX 2 uses a group- and role-based authentication and rights management. Depending on your assigned personal settings, some functions may not be available to all users or user groups.

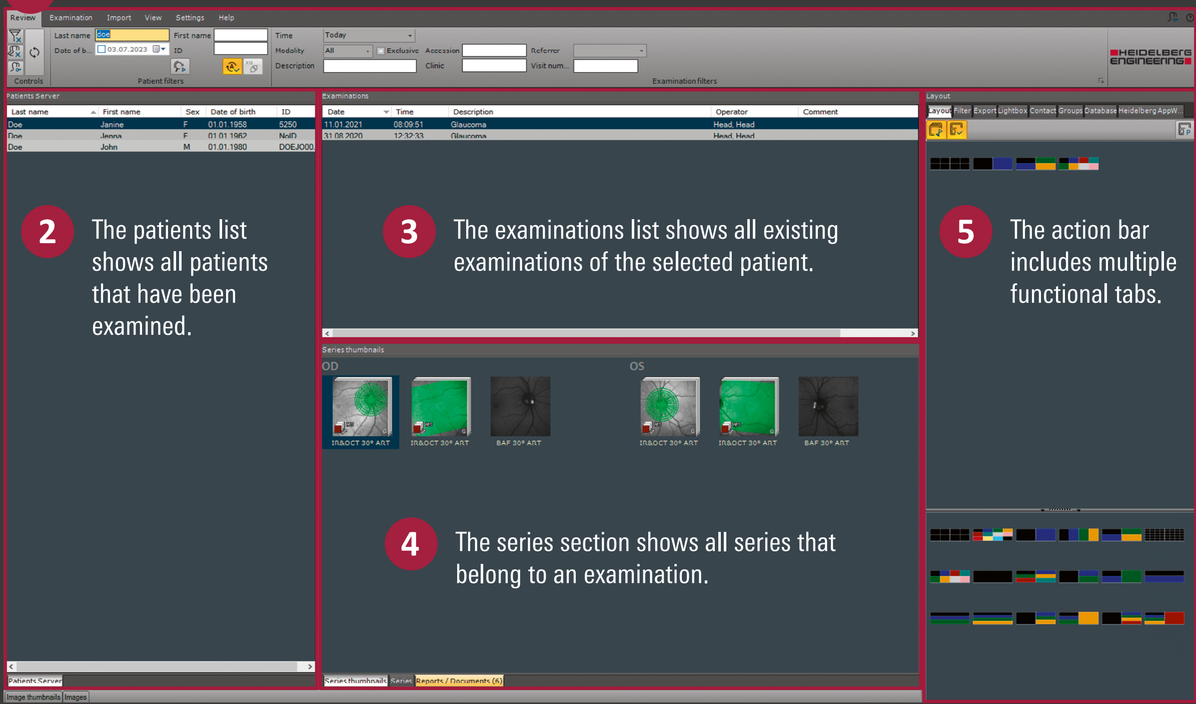


1 Open HEYEX 2 by double-clicking .

2 The HEYEX 2 welcome screen is displayed. Enter your username and password and click LOGIN to log in. HEYEX 2 is started and the user settings are loaded.

Navigator Overview

1 The ribbon bar includes multiple functional tabs.



2 The patients list shows all patients that have been examined.

3 The examinations list shows all existing examinations of the selected patient.

4 The series section shows all series that belong to an examination.

5 The action bar includes multiple functional tabs.

Open the analysis viewer with a double-click on any series thumbnail.
Open the Multi-Modality Viewer with a double-click on the patient entry or examination entry.

Open the context menu with a right-click on any series thumbnail.

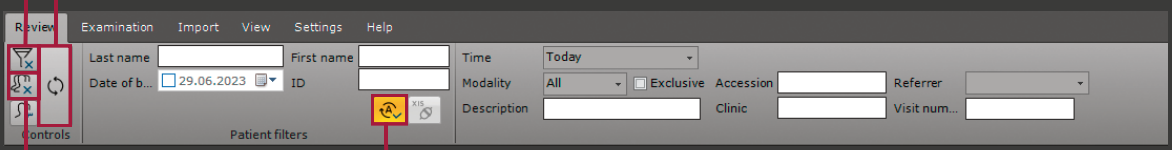
Review & Examination Tab

Filter Functions

The maximum number of displayed entries in the patients list is 300. The default time filter of the patient list is “Today”.

Clear applied filters and revert to the default filter.

Refresh an existing filter.



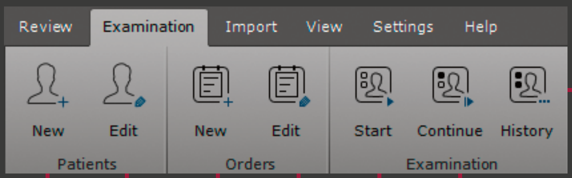
Clear a group filter.

Activate/deactivate automatical update for search results after entering search terms.

To replace one or more characters or numbers in your search, use * or %. For example:

- Sm* searches for patient names starting with “Sm”.
- *ith searches for patient names that include “ith”.

Examination Tab Overview



Check whether examinations have been successfully sent to the server (only available on the acquisition station).

Continue an examination within an order.

View the orders that have been assigned to your device and start examining a patient.

Edit all available orders.

Create new orders for existing patients.

Search for an existing patient and edit the patient data.

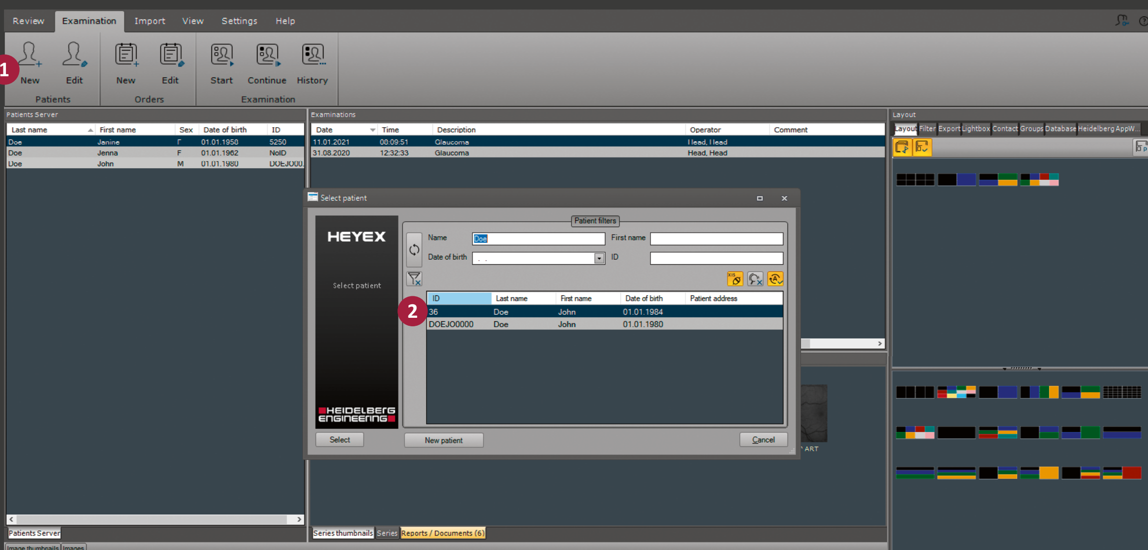
Create a new patient if the patient does not exist.

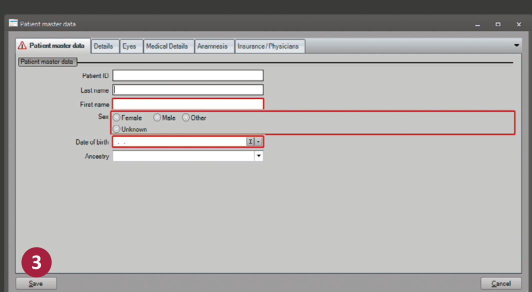
Creating New Patients & Orders

i Create a new patient only if you are not connected to a HIS or EMR.

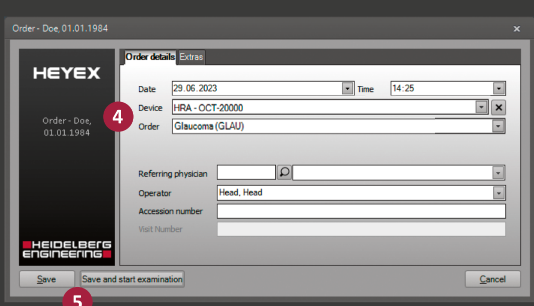
1 Click **New** [New] .

2 Check if the patient already exists – if so, the patient will appear in the list and can be selected by double-clicking on the name or with **Select**. If the patient name does not appear, click **New patient**.





3 Enter the patient data in the **Patient master data** window and confirm with **Save**. Mandatory fields are marked red.



4 Select order details, e. g. **Device** and **Order**. The order will be shown as examination description:

Examinations

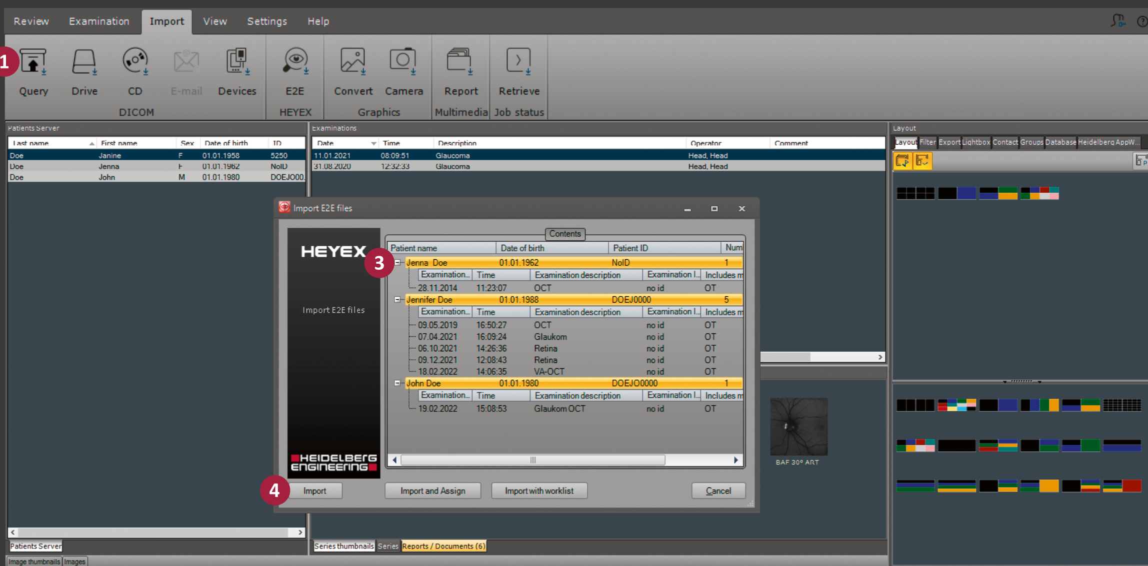
Date	Time	Description
31.05.2022	12:32:12	Retina
22.11.2021	12:19:09	Retina
12.01.2021	13:34:00	Retina
05.11.2020	15:10:22	Imaging
05.11.2020	14:53:57	Cornea

5 Click **Save** to save the order. It will be listed in **Start** for later examination. Click **Save and start examination** to start the examination immediately.

i To create an order for an existing patient, you can also search for the name directly in the patients list in the **Review** tab. Click the patient's name, then **New** [New] and procede with **4** .

Import Tab

Importing Files



1 Import data by clicking one of the following icons:

Query — to import DICOM data from an external database, defined as archive,

> *i* To display the job status of this import option click Retrieve in the Job status section.

Drive — to import DICOM data from a drive,

CD — to import DICOM data from a CD,

Devices — to import DICOM data from other devices,

E2E — to import HEYEX E2E files,

Convert — to import and convert graphics in DICOM format,

Camera — to import graphics directly from a digital camera or

Report — to import multimedia reports.

2 Go to the storage location, select the desired files and click **Open**.

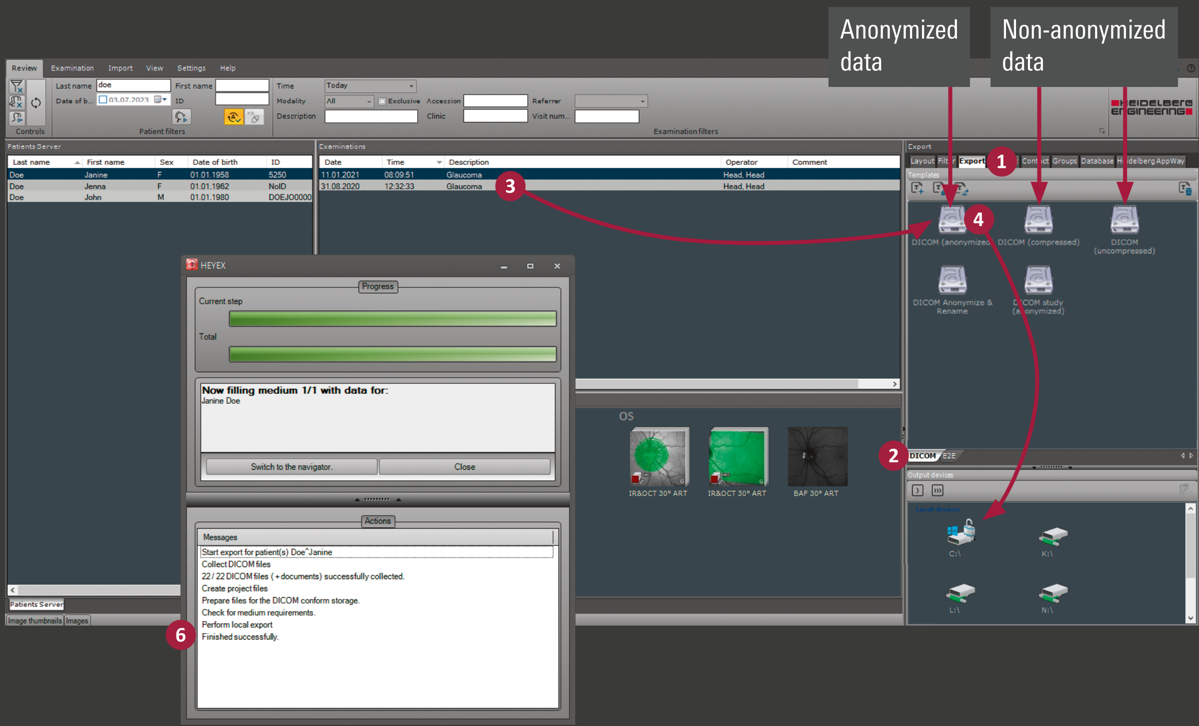
3 The import window displays the overview of patient and examination data. Select the patient(s), examination(s), series or image(s) you want to import. All files to be imported will be marked in yellow.

4 Select one of the following import options:

- **Import** to import the data directly without assigning it to a patient,
- **Import and Assign** to assign the data to an existing patient or
- **Import with worklist** to assign the data to a worklist entry.

Export Tab

Exporting Files



1 Click **Export** in the action bar.

2 To export DICOM data select the **DICOM** tab in the lower part of the **Templates** section, to export E2E files select the **E2E** tab in the lower part of the **Templates** section.

3 Select a patient with all examinations and series from the patients list or specific examinations from the examinations list and drag-and-drop to the desired export template symbol . The export template symbol turns to .

4 Drag-and-drop the export template symbol to the destination drive or .

> The availability on the templates depends on the customizing of your system. Please note that E2E functions generally do not apply to examination data acquired with ANTERION.

5 Browse to the desired folder or create a new one and click **OK** to confirm.

6 The export window is displayed. The export is completed if **Finished successfully** is displayed.