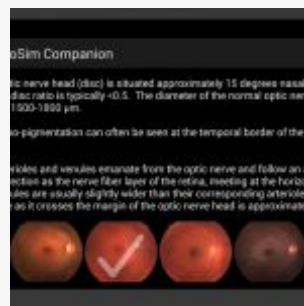
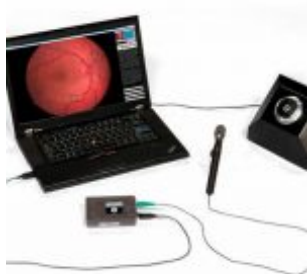


# OPHTHOSIM - EYE EXAMINATION SIMULATOR

PRODUCT NUMBER: 2281



## DESCRIPTION:

OphthoSim is highly effective in training students to recognise and diagnose eye pathologies through dynamic hands-on experience and interaction with the extensive software content.

A database of over 200 high resolution images allows for numerous training scenarios

## SKILLS:

- Practice in monocular vision and ophthalmoscopic/funduscopy technique
- Examination principles and techniques
- Retinal feature identification
- Diagnosis of eye pathologies

### MORE THAN SIMULATORS S.L.

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## CASES AND PATHOLOGIES:

### RETINAL PATHOLOGIES:

- Normal retina
- Diabetic retinopathy
- Hypertensive retinopathy
- Papilledemas
- Retinal vascular disease
- Retinal detachment
- Age related macular degeneration
- Tumors
- Glaucoma
- Optic neuropathies
- Trauma

## CHARACTERISTICS:

- The supplied OphthoSim™ Ophthalmoscope is instrumented to detect the user's movement and orientation and control the display of the appropriate retinal region–
- Eye geometry realistically replicates the magnification of the lens in the human eye and different clinical conditions
- Adjustable iris that dilates and constricts to add complexity
- Verifies student progress as the ophthalmoscope's movements and orientation are tracked by the instructor to complete the learning feedback loop–
- Includes training modules and testing routines to practise and evaluate technique
- Landmarking function in the software allows the instructor to highlight specific characteristics of pathologies as they are viewed by the student– OphthoSim™ is interoperable with the OtoSim™ platform

## INCLUDE:

- 1 OphthoSim Base Unit
- 1 Eye piece
- 1 Instrumented ophthalmoscope
- 1 Control box
- 1 Software Package and manual
- 1 Set of Hard case

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