

# **OphthoSim**<sup>™</sup>

## Immersive Learning Platform Redefines Ophthalmoscopy Training



**OphthoSim**<sup>™</sup> is a **hands-on simulation** system that radically transforms how students learn to diagnose and treat eye pathologies. Its proprietary software and accompanying tools empower students to actively diagnose real-world eye conditions within a simulated environment.

#### **Superior Learning Outcomes & Efficacy:**

- Close the learning feedback loop monitor student progress through the instrumented ophthalmoscope, as students practice technique and identify retinal features
- Increase Accuracy OphthoSim<sup>™</sup> works with the OtoSim<sup>™</sup> Otoscopy Training and Simulation System, a platform shown to improve diagnostic accuracy by more than 50%

# • Expand student knowledge – system includes access to 200 high-resolution images

- Improve viewer retention OphthoSim<sup>™</sup> offers an immersive full-screen experience with an easy-touse graphical interface
- Broaden student capability system comes with a series of advanced quizzes featuring randomized, realistic clinical scenarios that test both medical and patient interaction skills



#### **PLACE YOUR OPHTHOSIM<sup>™</sup> ORDER TODAY:**

Email: sales@otosim.com | Web: www.otosim.com Phone: 1-866-964-5186 (North America) or 416-813-5682 (Worldwide)



### **OPHTHOSIM<sup>™</sup> KEY FEATURES:**

- OphthoSim<sup>™</sup> Ophthalmoscope Detects user movements and orientation
- Realistic OphthoSim<sup>™</sup> Eye Geometry Replicates the magnification of lens in the human eye and different clinical conditions

#### **OPHTHOSIM<sup>™</sup> SOFTWARE:**

- **OphthoSim<sup>™</sup> Content** Includes training and testing modules to practice and evaluate ophthalmoscopy technique
- Landmarking Function Allows instructor to highlight specific characteristics of pathologies in the region student is viewing
- · Proprietary Database of Images Supplemented with detailed text descriptions and images are pre-annotated for normal landmarks and pathological features



#### ACCESSORIES & EXTENDED WARRANTIES:

- Extended Warranty Can be extended for a total of 2 to 3 years
- Educators Toolkit Software Upgrade Software add-on to OphthoSim<sup>™</sup> for customized education sessions and mass training. Features enable instructors to:
  - Upload and pre-annotate their own images
  - Customize lecture slides
  - Connect, lead and monitor a group of OphthoSim<sup>™</sup> users to enable distance learning

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#### FEATURED CONTENT & MATERIALS:

- History of Ophthalmoscopy
- Examination Principles & Technique
- Instrument Use
- **Retinal Feature Identification**
- Pathology Papilledema, Diabetic Retinopathy, Glaucoma, Choroidal Rupture, Macular Degeneration and other ocular irregularities

**OtoSim** 

- Self-Examinations
- Examinations

#### **OPHTHOSIM<sup>™</sup> INCLUDES:**

- Base Unit
- Eye Piece
- Instrumented **Ophthalmoscope**
- Control Box
- Software Package & Manual on USB Key
- **Protective Hard Cases**
- 1-Year Warranty