Medweb Teleophthalmology™
Web-based Solutions for Expanding Ophthalmology Enterprises

KEY BENEFITS

• Templates designed specifically for ophthalmology help ensure that an initial request includes all information necessary for diagnosis

• Powerful tools for report creation, online collaboration, and aggregate data viewing

• Built-in HL7 engine allows for straightforward integration with EMR and HIS systems

Medweb’s ophthalmology solution allows ophthalmologists, general practitioners, and nurse practitioners to provide outreach to patients in remote locations, at neighborhood clinics in urban areas, or within incarcerated populations. It provides a comprehensive, computer-based, patient-assessment protocol and a simple interface for uploading images captured with a retinal camera into an electronic consultation request. The consultation is then sent via a secure Internet connection to a consulting ophthalmologist who can provide a diagnosis online, in many cases eliminating the need for a face-to-face appointment.

Medweb offers an integrated medical imaging, information management, and security system along with straightforward user interfaces customized specifically for ophthalmology diagnoses.
Integrated Solutions
Expand your ophthalmology practice with this complete, easily integrated solution.
- Integrated workflow designed specifically for ophthalmology
- Medweb Telemedicine Viewer™ (image viewer)
- Straightforward, Web-based interfaces for clinical data collection and consultation reports
- Takes images via the DICOM standard for ophthalmology
- Archiving (options include external, integrated, or Medweb's online archiving service)
- Hospital Information System and Electronic Medical Record Integration (optional)
- CD and DVD publishing software (optional)

Customized Templates
Collect patient information that is directly relevant to ophthalmology diagnoses.
- Patient demographics
- Visual acuity
- Date of last refraction
- Date and time of last dilated eye examination with eye care provider
- History of diabetes, hypertension, renal failure, hyperlipidemia, anemia

Workload Balancing
Balance the consultation workload among ophthalmologists.
- Urgent cases identified clearly and automatically given priority
- Cases may be reassigned if not viewed within a configurable timeout period

Reporting Tools
Quickly create accurate consultation and practice utilization reports.
- Create a standard report, or create a report template specifically for your practice
- Integrated ICD-9 diagnoses codes
- Integrated speech recognition or dictation/transcription (optional)
- Use tools to graph aggregate patient data by diagnosis, location, age, and gender
- Track average consult response time and number of consultations per ophthalmologist