The Department of Ophthalmology improves lives by creating, teaching, and delivering unsurpassed innovative care in a unique integrated and collaborative patient-focused environment.
**Adult Strabismus**
Erick D. Bothun, M.D., 1st Quarter 2016 start date
Jonathan M. Holmes, M.D.

**Aniseikonia & Optical Problems**
William L. Brown, O.D., Ph.D.

**Cataract**
Keith H. Baratz, M.D.
Elena Bitrian, M.D.
John J. Chen, M.D., Ph.D.
Jay C. Erie, M.D.
James A. Garrity, M.D.
Amir R. Khan, M.D.
Cheryl L. Khanna, M.D.
Sunil S. Khanna, M.D.
Michael A. Mahr, M.D.
Sanjay V. Patel, M.D.
Arthur J. Sit, M.D.

**Comprehensive Ophthalmology**
Jay C. Erie, M.D.
Amir R. Khan, M.D.
Sunil S. Khanna, M.D.
Michael A. Mahr, M.D.

**Comprehensive Optometry**
Jeffrey R. Bennett, O.D.
William L. Brown, O.D., Ph.D.
Cherie B. Nau, O.D.
Muriel M. Schornack, O.D.
Dennis W. Siemsen, O.D.
Alaina L. Softing Hataye, O.D.
Gina M. Stalboerger, O.D.
Tomohiko Yamada, O.D.

**Cornea & External Disease**
Keith H. Baratz, M.D.
Leo J. Maguire, M.D.
Sanjay V. Patel, M.D.

**Electrophysiology**
Jay W. McLaren, Ph.D.
Raymond Iezzi, Jr., M.D.

**Glaucome**
Elena Bitrian, M.D.
Cheryl L. Khanna, M.D.
Arthur J. Sit, M.D.

**Laboratory Research**
Michael P. Fautsch, Ph.D.
Alan D. Marmorstein, Ph.D.
Lihua Y. Marmorstein, Ph.D.
Jay W. McLaren, Ph.D.
Youwen Zhang, Ph.D.

**Low Vision**
William L. Brown, O.D., Ph.D.
Dennis W. Siemsen, O.D.
Alaina L. Softing Hataye, O.D.

**Medical & Surgical Disease of the Retina & Vitreous**
Sophie J. Bakri, M.D.
Andrew J. Barkmeier, M.D.
Raymond Iezzi, Jr., M.D.
Jose S. Pulido, M.D.

**Medical Retinal Disease**
Maryanna Destro, M.D.
Wendy M. Smith, M.D.
Justin Yamanuha, M.D.

**Neuro-Ophthalmology**
Elizabeth A. Bradley, M.D.
Michael C. Brodsky, M.D.
John J. Chen, M.D., Ph.D.
James A. Garrity, M.D.
Jacqueline A. Leavitt, M.D.

**Ocular Oncology**
Maryanna Destro, M.D.
Jose S. Pulido, M.D.
Wendy M. Smith, M.D.

**Oculoplastic & Orbital Surgery**
George B. Bartley, M.D.
Elizabeth A. Bradley, M.D.
James A. Garrity, M.D.

**Pediatric Cataract Surgery**
Erick D. Bothun, M.D., 1st Quarter 2016 start date

**Pediatric Glaucoma**
Elena Bitrian, M.D.

**Pediatric Neuro-Ophthalmology**
Michael C. Brodsky, M.D.

**Pediatric Ocular Oncology**
Brian G. Mohney, M.D.
Jose S. Pulido, M.D.

**Pediatric Ophthalmology & Strabismus**
Erick D. Bothun, M.D., 1st Quarter 2016 start date
Michael C. Brodsky, M.D.
Jonathan M. Holmes, M.D.
Brian G. Mohney, M.D.

**Pediatric Optometry**
Tomohiko Yamada, O.D.

**Refractive Surgery**
Leo J. Maguire, M.D.
Sanjay V. Patel, M.D.

**Retinal Degenerative Disease**
Raymond Iezzi, Jr., M.D.

**Scleral & Therapeutic Contact Lenses**
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Mayo Clinic in Florida welcomes inquiries and referrals. Referral to a specific provider or specialty is not required.

Michael W. Stewart, M.D.  Department Chair

**Adult Strabismus**
Lee Hunter, M.D.

**Cataract**
Rick E. Bendel, M.D.
Syril K. Dorairaj, M.D.
Darby D. Miller, M.D.
Michael W. Stewart, M.D.

**Comprehensive Optometry**
Christian P. Guier, O.D.
Brigitte Keener, O.D.

**Cornea and External Disease**
Darby D. Miller, M.D.

**Glaucoma**
Rick E. Bendel, M.D.
Syril K. Dorairaj, M.D.

**Low Vision**
Christian P. Guier, O.D.

**Medical & Surgical Disease of the Retina & Vitreous**
Michael W. Stewart, M.D.
James P. Bolling, M.D.

**Neuro-Ophthalmology**
Paul W. Brazis, M.D.

**Ocular Oncology**
James P. Bolling, M.D.

**Oculoplastic & Orbital Surgery**
Katherine G. Gold, M.D.

**Refractive Surgery**
Darby D. Miller, M.D.

**Scleral & Therapeutic Contact Lenses**
Christian P. Guier, O.D.

**Uveitis**
James P. Bolling, M.D.
Michael W. Stewart, M.D.

PHOENIX AND SCOTTSDALE, AZ
Mayo Clinic in Arizona welcomes inquiries and referrals. Referral to a specific provider or specialty is not required.

Joanne F. Shen, M.D.  Department Chair

**Cataract**
Robert H. Graham, M.D.
Dharmendra R. Patel, M.D.
Joanne F. Shen, M.D.

**Comprehensive Optometry**
Thelma G. Barnes, O.D.
Eric R. Kawulok, O.D.
James B. Mowbray, O.D.

**Cornea**
Dharmendra R. Patel, M.D.
Joanne F. Shen, M.D.

**Glaucoma**
Dharmendra R. Patel, M.D.

**Comprehensive Ophthalmology**
Steven H. Cobb, M.D.

**Scleral & Therapeutic Contact Lenses**
Eric R. Kawulok, O.D.
MAYO CLINIC HEALTH SYSTEM

Mayo Clinic Health System is a network of clinics, hospitals and healthcare facilities in Georgia, Iowa, Minnesota and Wisconsin that links care and medical expertise with Mayo Clinic.

Mayo Clinic Health System has more than 40 ophthalmologists and optometrists on staff at the following locations:

Miguel E. Mulet, M.D.
Division Chair, Division of Community Ophthalmology

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Christina Miller, O.D.
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Lake City, MN
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Mayo Clinic - Department of Ophthalmology

The Department of Ophthalmology and its over 100 ophthalmologists and optometrists throughout the Mayo Clinic Health System can trace its roots to the origins of Mayo Clinic in Rochester. Drs. Will and Charlie Mayo began performing ophthalmic surgery soon after joining their father, Dr. William Mayo, in the 1890's.

As Mayo Clinic and the Mayo Clinic Department of Ophthalmology have grown into a highly specialized, multi-disciplined integrated organization, we continue to pursue research that enhances patient care, decreases the burden of ophthalmological diseases, and leads to the development of new diagnostic, therapeutic and preventive interventions. Our patients receive coordinated multi-specialty care for complex eye diseases.

Patient Care
- Over 200,000 patient visits in 2014
- Access to and coordination with all subspecialties at Mayo Clinic
- Pediatric and adult programs
- Inpatient and outpatient practices
- National and international referral center
- Practice niches complement research foci

Education
- Ophthalmology Residency Program
- Ophthalmology Fellowship Programs in Retina, Pediatrics and Oculoplastics
- CME
- Visiting Clinician/Professor Program
- Post-doctoral research fellowships
- Medical and Graduate Student Programs

Research Foci
- Over 30 active grants in 2014
- Accelerated bench to bedside research models
- Fuchs endothelial corneal dystrophy
- Corneal transplantation and corneal imaging
- Glaucoma; trabecular meshwork, aqueous outflow, and aqueous dynamics
- Novel therapeutics
- Pediatric ophthalmology, strabismus, and amblyopia
- Ocular melanoma and lymphoma
- Macular degeneration
- Retinal degenerative diseases
- Graves Ophthalmopathy and orbital disease
- Ophthalmic epidemiology
- Quality of vision and health-related quality of life
- Single and multicenter clinical trials

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Mayo Clinic is the first and largest integrated, not-for-profit group practice in the world. More than 3,700 physicians, scientists and researchers, and 50,100 allied health staff work at Mayo Clinic to ensure “the needs of the patient come first.” Mayo Clinic has campuses in Rochester, MN; Jacksonville, FL; Scottsdale/Phoenix, AZ. In addition the Mayo Clinic Health System is comprised of community based providers in locations throughout Minnesota, Wisconsin, Iowa and Georgia.