Welcome to the first edition of our new quarterly HFHS Department of Ophthalmology newsletter. We have developed this newsletter in order to keep our staff informed of departmental updates and activities. It will also serve as an opportunity to keep our extensive alumni group connected to the department.

There are many changes taking place in the department:

We are announcing several staff departures

- It is with mixed emotion that I announce the retirement of Dr. Murray Christianson after a 24 year career at Henry Ford. Dr. Christianson will leave at the end of December 2017. I have mixed emotion because of the exceptional clinical care he has provided to his patients, his incredible teaching efforts with the residents and as a colleague and friend, he will be missed. So we are sad to see him go. I am happy for him in his retirement because I am sure his wife, Lauri, children and grandchildren will appreciate spending more time with him, as he with them.

- Dr. Nathan Hamburger is resigning and relocating to Colorado in November. His heart is in the mountains!

- Dr. Aldo Fantin has resigned from Henry Ford and is relocating to Florida where he has taken a new position at a Veterans Administration hospital.

In addition we have added this year 5 new physicians. Please see more details further in this newsletter. I am excited about these new physicians. They will help to cover some of our physicians who are departing and for departmental growth. We will likely be recruiting for additional staff in 2018. An Ophthalmic Plastic surgeon to replace Dr. Christianson, and a Comprehensive Ophthalmologist to replace Dr. Hamburger.

I am very proud of our residency program. We had a very successful match this year; recruiting many of our top choices on our rank list. Our residency program has received high satisfaction ratings. Last year’s residents were 100% satisfied with the program. Our residents also had a 100% five year Board pass rate. The average around the country is 80%. Let’s keep up the great work!

Several years ago, Drs. Brodstein and Richards helped Con McCole establish the Resident Endowment fund, now known as the J. David Carey Endowment fund.

.... continued on page 2.
This fund has been helping to keep our residency strong funding programs such as the Houston Basic science course, operating our wet lab, simulation center and funding visiting professors. We also pay for resident research and meeting travel. I appreciate all the generous support of the alumni and staff to our program. With your continued support we will continue to make this a program that you can be proud of.

I want to commend our neuro-prosthetic research program. Dr. Maesoon Im and Dr. Greg Auner are working hard to develop a prosthetic device for the visually impaired. Their work has been included in many presentations and publications. Both Dr. Im and Dr. Auner presented their findings at The Eye and The Chip World Research Congress, September 24-26th at the Motor City Casino Hotel in Detroit. The Detroit Institute of Ophthalmology, the research education arm of our department, hosted the event.

Looking ahead, I hope to see many of our alumni this fall in New Orleans at the annual AAO HFHS Alumni reception. The reception will be held on Saturday evening, November 11th at Calcasieu from 5:30 - 7:30 pm. Alumni are invited to celebrate with us and enjoy complimentary drinks and appetizers. A notice has already gone out.

Next spring we will hold our annual Alumni Day reunion at HFHS. There will be the Vision Honored Dinner Evening, the Updates in Ophthalmology Conference and the EyesOn Design Car Show all held during Father’s Day weekend, from Friday evening, June 15, to June 17, 2018. Please save the date!

All the Best,

Paul A. Edwards, M.D.
Kevin Everett, M.D.
Lakeside Super Vision Center
Dr. Everett presented a lecture on Sports Related Eye Trauma in June at The University of Michigan Athletics Symposium: "On Common Ground: A Team Approach to Sports Medicine." Dr. Everett and his son Connor recently traveled to Kenya for a mission trip. Working along side his father, Connor lent a helping hand to Dr. Everett who was there to provide professional care for those who are in need of cataract surgery.

Anne Riddering, Ph.D.
Livonia Medical Center
Lakeside Super Vision Center
Grosse Pointe Ophthalmology
The journey to provide rehabilitation for those with visual impairments started over twenty-one years ago when Dr. Lylas Mogk and Anne Riddering started the Vision Rehabilitation Center. At the start of her career, Anne passionately served our patients as an Occupational Therapist. Driven by her desire to provide her patients with more, Anne completed her Ph.D. in Interdisciplinary Health Sciences at Western Michigan University in December of 2016.

As a result of her determination, Dr. Riddering was asked to fulfill the responsibilities of Program Director for the Vision Rehabilitation Center, a role she proudly accepted in July. She will continue to provide care at Grosse Pointe, Livonia and Lakeside. In addition to her current responsibilities, Dr. Riddering intends to spend time conducting research in low vision. During her free time, she enjoys spending quality time with her husband and three teenagers.

Ramanpal Deol, O.D., FAAO
Livonia Medical Center
Lakeside Super Vision Center
Grosse Pointe Ophthalmology
Dr. Deol has been appointed to the Vision Rehabilitation Committee of the American Optometric Association. She is a low vision specialist with the Center for Vision and Neuro Rehabilitation and Research, Henry Ford Health System, Department of Ophthalmology. She will be presenting on vision rehabilitation at the organization’s national meeting. Dr. Deol is “passionate about empowering individuals to lead independent and active lifestyles despite their level of vision impairment.”

West Bloomfield Super Vision Center
The new full-service facility is now open at 7230 Orchard Lake Road, West Bloomfield. At 21,000 square feet, the new and expanded Super Vision Center features 19 exam rooms to accommodate 8 Ophthalmologists providing eye care services including Comprehensive, Retina, Glaucoma, Cornea, Neuro-Ophthalmology, Pediatric and Ophthalmic Plastics and Reconstructive Surgery. The facility features the latest in eye care technology.
GRADUATES

The Department of Ophthalmology celebrated the 2017 Resident and Fellowship Graduation on Saturday, June 3, 2017 at the Grosse Pointe Yacht Club.

As our graduates close this chapter in their medical education, the pursuit of fellowships ranging from Glaucoma, Retina, Neuro-Ophthalmology to Pediatrics are on their horizon. We wish them well as they continue on with their educational and medical career journey.

Manal Peracha-Riyaz, M.D.
Resident Graduate
Henry Ford Health System
Detroit, Michigan
Glaucoma Fellowship

Andrew Troia, M.D.
Resident Graduate
Children’s Hospital of Pittsburgh
Pittsburgh, Pennsylvania
Pediatric Fellowship

Mangay Thandam, M.D.
Fellowship Graduate
Michigan State University
Lansing, Michigan
Neuro-Ophthalmology Fellowship

Shawn Gappy, M.D.
Resident Graduate
University of Michigan
Ann Arbor, Michigan
Pediatric Fellowship

Tad Schoedel, M.D.
Fellowship Graduate
Vistar Eye Center
Roanoke, Virginia
Cataract & Glaucoma

Justin Spaulding, O.D.
Resident Graduate
Dean McGee Eye Institute
Oklahoma City, Oklahoma
Glaucoma Fellowship

Thérèse Sassalos, M.D.
Resident Graduate
University of Michigan
Ann Arbor, Michigan
Medical Retina Fellowship
LOW VISION GROUPS

In June, the Detroit Institute of Ophthalmology’s four low vision support groups wrapped up another successful year. Members from three of the groups celebrated with a party at the Tompkins Center in Grosse Pointe Park. Over 70 members and volunteers listened to entertainment while enjoying a picnic lunch. The under 60s group, the Visionaries, concluded their year with a Tiger’s baseball game. Though the score did not favor the Tigers, a good time was had by all.

All of the groups are looking forward to starting back up again in September. Meeting locations include Grosse Pointe Park, St. Clair Shores, Livonia and Sterling Heights. This fall, a new group will form out of Lakeside OptimEyes. Remember, our support groups provide a comfortable environment to discuss the challenges of living fully with visual impairment. Fostering friendship, fun and understanding are key to the success of our support groups.

If you know of patients, friends or acquaintances that could benefit from joining this group, please contact Helen Clarren, Low Vision Support Group Coordinator, at 313-936-1969.

PATIENT STORIES

Dear Henry Ford Health System,

It has been a privilege having long term care for my age related macular degeneration from Dr. Edwards. He and his staff have treated me with respect and interest in my condition. I have every confidence in my continued care with Dr. Edwards.

Sincerely,
Grateful Patient

Dear Dr. Deol,

I can’t tell you how grateful I am to be able to read and write again. It makes me feel alive and human to do so without holding my mail until someone comes and reads it for me. Also, I can write my own checks. I can also read recipes and cook again instead of the same old things. You are a Godsend!

Thank you so much. All my love and prayers.
Thank you again.

Sincerely,
Grateful Patient
ALUMNI

Save the Date

HFHS Ophthalmology Annual
AAO Alumni Reception

Please Join
The Department of Ophthalmology
and Honorary Chairs
David Bogorad, M.D. & Adrian Elfersey, M.D.

Calcasieu
930 Tchoupitoulas Street
New Orleans, LA 70130
Saturday, November 11, 2017
5:30pm - 7:30pm
*Complimentary spirits and hors d’oeuvres*

RESIDENTS

Daniel Brill, M.D.
Undergraduate Studies, Vanderbilt University
Medical School, Penn State
College of Medicine
Class of 2020

Taylor Fields, M.D.
Undergraduate Studies, University of Georgia
Medical School, Medical College of Georgia
Class of 2020

Laura Hahn, M.D.
Undergraduate Studies, St. Louis University
Medical School, Texas Tech Paul L. Foster
School of Medicine
Class of 2020

Andrew Hou, M.D.
Undergraduate Studies, City College of New York
Medical School, SUNY Downstate
College of Medicine
Class of 2020

Candice Yousif, M.D.
Undergraduate Studies, Wayne State University
Medical School, Wayne State
College of Medicine
Class of 2020

David J. Goldman, M.D.
Residency Program Director
Vice Chairman of Education
A Southern California native with
degrees from UCLA, Saba, and Johns
Hopkins, Dr. Goldman now calls Detroit
his permanent home. He is a senior
staff surgeon and clinician at Henry
Ford Hospital where he serves as the
clerkship director, the simulation and micro-surgical
co-director, and the associate program director for the
Department of Ophthalmology. Recently, he was appointed
as the deputy medical director for the Detroit Institute of
Ophthalmology.

Dr. Goldman specializes in comprehensive ophthalmology
providing clinical and surgical care. He was recently awarded
the Outstanding Program Director of the Year Award by the
Henry Ford House Staff Council. He has been part of the
senior staff at Henry Ford Hospital since 2006.
RESEARCH

Clinical Trials
The clinical trials office is currently running nine studies in the areas of:
- Glaucoma
- Retinal Vein Occlusion
- Diabetic Macular Edema
- Diabetic Retinopathy
We also support 18 sub-contracted studies with subjects from oncology, cardiology, neurology and endocrinology.

Under the direction of the principal investigator, the clinical research coordinators are responsible for study start up, subject recruitment, screening, testing, subject retention and overall management of the clinical trial.

Our study coordinators have an established history of developing strong relationships with their study participants resulting in high retention and requests to join a second and even a third study.

If you are interested in running a study or have a potential subject please call 313-916-3627.

Maesoon Im, Ph.D.
Dr. Im recently received the “Young Scientist Research Grant” for 2016-2017 from The Juliette RP Vision Foundation. The Foundation strives to provide funding for further research for scientists in the field of Ophthalmic Research. He was honored with the award at the Night for Sight 2017 on August 18, 2017.

RESEARCH AWARDS

Gregory W. Auner, Ph.D.
Strauss/TEAMS Endowed Chair and Director of Smart Sensors and Integrated Microsystems (SSIM) Program
Wayne State University, School of Medicine
Professor, Department of Surgery and Biomedical Engineering

Dr. Auner is a Strauss/TEAMS (Technology and Engineering Applications in Medicine and Surgery) Endowed Chair and Professor in the Department of Surgery and Biomedical Engineering at Wayne State University School of Medicine in Detroit, Michigan. He is also the Director of Research for the Detroit Institute of Ophthalmology. He is the Founder and Director of the Smart Sensors and Integrated Microsystems (SSIM) program at Wayne State University which encompasses eight centrally located laboratories with over 150 participating faculty, graduate students, staff scientists/engineers, and undergraduate researchers. He has developed an array of instruments, sensors and micro systems for federal institutions, research institutions, and industry. Approximately 80% of his research involves the research and development of biomedical micro systems, nano-systems, and BioMEMS systems.

Dr. Auner has formed a consortium within the Smart Sensors Program involving the Karmanos Cancer Institute (Ultrasonic Breast Cancer Detection System) and Children’s Hospital of Michigan (Robotic Surgery and Real-Time Surgical Diagnostics). His SSIM program, along with the Chiefs of Surgery at the Wayne State University School of Medicine, Detroit Medical Center, Karmanos Cancer Institute, Children’s Hospital of Michigan, Beaumont Health and Henry Ford Health System have created the Technology and Engineering Applications in Medicine and Surgery (TEAMS) which is integrating state of the art science and technology into the field of medicine.
Ryan Jaber, M.D.  A native of Dearborn, Michigan, Ryan attended Dearborn High School before pursuing a Bachelor of Science degree, with a major in Neuroscience, from the University of Michigan, Ann Arbor. Dartmouth Medical School was the next stop along his journey in pursuit of his medical education before his return to Michigan for a Transitional Intern year at Henry Ford Hospital.

Dr. Jaber attended SUNY-Buffalo, New York for his residency years and served as Chief Resident before transferring to the Cole Eye Institute of the Cleveland Clinic to round out his medical education with a fellowship in cornea, external disease and refractive surgery. The field of Ophthalmology peaked his interest during his transitional year at Henry Ford. He had a passion for the surgical field and was drawn to a clinical rather than inpatient setting. His experience during this rotation led him to contact and meet with an ophthalmology advisor upon his return to Dartmouth.

Dr. Jaber really enjoys helping his patients overcome their vision problems. “Patients value their sight and it’s rewarding to be able to help them regain vision and independence,” says Dr. Jaber.

As a cornea specialist, Dr. Jaber finds the advances that are most exciting in ophthalmology include the ex vivo expansion of limbal stem cells to treat limbal stem cell deficiency that allows for high risk cornea transplants. He is also excited about the potential for future treatment of endothelial dystrophy with treatments that expand and regenerate the patient’s endothelial cells rather than transplanting donor cells. Looking at the future, he finds the improved options for presbyopia correction intriguing.

Deborah Smith, COT started her career as a technician in 1991 at Grosse Pointe Ophthalmology, which was a private practice at the time. In 1995, Deborah transitioned to an employee of Henry Ford Health System when the practice was acquired by the Henry Ford Medical Group for the Department of Ophthalmology. She supported Dr. Edward O’Malley, a Pediatric Ophthalmologist, and his clinic until August of 2016 when a new opportunity presented itself. Her hard work and dedication to the department and patient care provided her the opportunity to be chosen as the Lead Technician for the newly constructed Clinton Township Super Vision Center. Ultimately, her role absorbed the duties of a Surgical Coordinator to round out her overall responsibilities. “I love this position as it not only allows me to do administrative work that I enjoy, but it has also broadened my skills as a technician including visual field testing, photography and IOL calculations” states Deborah.

Deborah believes that if you do something you enjoy, your day is much more fulfilling. She enjoys interacting and making friends with her fellow coworkers and even enjoys socializing on a personal level, but believes in adhering to the boundaries when it comes to her responsibilities to maintain a work/life balance. For those who are new to the medical field, Deborah encourages you to understand how the medical field is forever advancing and changing. You need to be willing and able to adapt and readjust to the changes of your environment.

Outside of work, Deborah enjoys the outdoors including hunting and camping. Her true passion, however, lies within the boards and ice. She is energized by the game of hockey. She donned a pair of skates and played before trading them in 17 years ago for parenthood. Now she enjoys the role of “hockey mom” and she is “loving every minute of it!”
EVENTS

The Eye and The Chip
There are three major initiatives related to artificial vision for the blind or those with severe visual handicaps. They are gene therapy (or gene editing), stem cell therapy, and the furthest along of these three pursuits, implantable nano-electronic devices. Such early stage devices, approved here in the US and in Europe, have been the subject of The Eye and The Chip world research congresses for seventeen years. This year, the Detroit Institute of Ophthalmology, a division of the Department of Ophthalmology, mounted this congress September 24-26, 2017.

The format this year addressed Regulatory Considerations, Basic Science Advances, Pre-Clinical Studies and Human Clinical Studies. Leading authorities from Australia, Germany, United Kingdom, Spain, Israel, Japan, Korea, Taiwan and Canada, were expected to participate. As always, the US FDA was represented by several participants.

Physicians were able to garner 23.5 hours of continuing medical education credits by attending the meeting that’s considered to be the world’s most important gathering of authorities in this field.

For information about future events, contact Roseanne Horne at 313-936-1968 or rhorne1@hfhs.org or visit: www.henryford.com/theeyeandthechip

System Wide Grand Round Lecture Series
The Department of Ophthalmology hosts its ongoing lecture series to foster the exchange of ideas between colleagues and to provide continuing medical education opportunities on clinically relevant diagnostic and treatment methods, new surgical techniques with outcome measures and advanced research topics. Continuing Medical Education credits are available.

Friday, October 6, 2017
Michael Altaweel, M.D.
Professor of Ophthalmology, University of Wisconsin School of Medicine and Public Health
Co-Director of the University of Wisconsin Department of Ophthalmology
Topic: A Uveitis Odyssey and Pediatric Retina Cases

Friday, November 3, 2017
Christopher Riemann, M.D.
Volunteer Professor, University of Cincinnati, Department of Ophthalmology Director, Vitreoretinal Fellowship Cincinnati Eye Institute
Topic: Next Generation Visualization in Vitreoretinal Surgery: Digitally Assisted Vitreoretinal Surgery & Endoscopy

Friday, December 1, 2017
Eric Hink, M.D.
Oculofacial Plastic and Orbital Surgery
Department of Ophthalmology
University of Colorado School of Medicine
Topic: Fundamentals of Eyelid Reconstruction Pop Psychology and Cosmetic Surgery

News From Our Partners at OptimEyes
Henry Ford OptimEyes Lake Orion
This winter, OptimEyes’ Lake Orion office, will relocate to 1376 South Lapeer Road, Suite A, Lake Orion. At 5,000 square feet, the newly built facility will be less than a mile from the old one but double the size.

“We’re doubling the number of patients we’ll be able to serve and adding four exam rooms and extra testing rooms,” says Annette Roach, ABSC, Manager.

The number of optometrists will be doubling too, with the addition of Soha Rafi, O.D. “I’m really excited to serve the community where I live,” says Dr. Rafi.

The office will feature more modernized equipment, with plenty of convenient, on-site parking, along with extended hours.

The August Grand Rounds was recently held with a presentation from multiple guest speakers on Human Trafficking. Attendees received a certificate as required by the State of Michigan for re-licensure.
### Department of Ophthalmology

<table>
<thead>
<tr>
<th>Location</th>
<th>Phone Number</th>
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<tbody>
<tr>
<td>Dearborn (DB)</td>
<td>(313) 562-8000</td>
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<tr>
<td>Detroit (D)</td>
<td>(313) 916-2020</td>
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<tr>
<td>Detroit Institute of Ophthalmology</td>
<td>(313) 824-4710</td>
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<tr>
<td>Grosse Pointe (GP)</td>
<td>(313) 824-4800</td>
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<td>Lakeside (LK)</td>
<td>(586) 247-5910</td>
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<td>Livonia (LV)</td>
<td>(734) 523-8640</td>
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<td>Clinton Township (CT)</td>
<td>(586) 294-0120</td>
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<td>Southfield (SF)</td>
<td>(248) 647-9790</td>
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<td>(248) 544-3290</td>
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<td>West Bloomfield (WB)</td>
<td>(248) 661-5100</td>
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<td>Westland (W)</td>
<td>(734) 524-7667</td>
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### Chair
**Paul Edwards, M.D.** (313) 874-9167

### Director
**Steve Horger** (313) 874-9425

### Comprehensive Ophthalmology
- **Sejal Amin, M.D.** (W, LV, D)
- **Paul Baciu, M.D.** (CT, LK)
- **Jason Dilly, M.D.** (WB, D)
- **Kevin Everett, M.D.** (LK)
- **Christian George, M.D.** (GP)
- **Harpreet Gill, M.D.** (GP)
- **David Goldman, M.D.** (GP)
- **Lawrence Hamburger, M.D.** (CT)
- **Nathan Hamburger, M.D.** (TR)
- **Ryan Jaber, M.D.** (D, WB)
- **Bithika Kheterpal, M.D.** (W)
- **Robert M. Levine, M.D.** (DB)
- **Tina Turner, M.D.** (GP)
- **Lily Huang Van Laere, M.D.** (SF)
- **Fuxiang Zhang, M.D.** (TA)

### Cornea and Anterior Segment
- **Sejal Amin, M.D.** (W, LV, D)
- **Ryan Jaber, M.D.** (D, WB)
- **Daniel Steen, M.D.** (D, WB)

### Glaucoma
- **Paul Baciu, M.D.** (CT, LK)
- **David Crandall, M.D.** (D, TR, WB)
- **Nauman Imami, M.D.** (D, LV)
- **Salma Noorulla, M.D.** (DB)

### Neuro-Ophthalmology
- **Poonam Bansal, M.D.** (D, WB)
- **Barry Skarf, M.D.** (DB)

### Ocular Oncology
- **Murray Christianson, M.D.** (DB, D, WB)
- **Uday Desai, M.D.** (D, TR, WB)
- **Paul Edwards, M.D.** (LV, D)
- **Christian George, M.D.** (GP)
- **Thomas Hessburg, M.D.** (GP, D)
- **Swapna Vemuri, M.D.** (SF, LK, D)

### Ophthalmic Imaging
All locations

### Ophthalmic Plastic and Reconstructive Surgery
- **Murray Christianson, M.D.** (DB, D, WB)
- **Christian George, M.D.** (GP)
- **Swapna Vemuri, M.D.** (SF, LK, D)

### Optometry/Contact Lenses
- **Ramanpal Deol, O.D.** (GP, LV)
- **David Gourwitz, O.D.** (GP)

### Orthoptics
- **Melanie Gutkowski, CO, COMT** (D, GP, TR)
- **Oxana Chemerynska, CO, COMT** (D, DB, WB)

### Pediatric Ophthalmology
- **Patrick Dennehy, M.D.** (DB, D, GP, TR)
- **Kim Le, M.D.** (DB, WB)
- **Edward O'Malley, M.D.** (GP)

### Refractive Surgery & Laser Vision Correction
- **Kevin Everett, M.D.** (LK)
- **Lawrence Hamburger, M.D.** (TR)
- **Nathan Hamburger, M.D.** (CT, WB)
- **Ryan Jaber, M.D.** (D, WB)

### Research, Education, & Clinical Trials
- **Deborah Darnley-Fisch, M.D.**
- **Philip C. Hessburg, M.D.**
- **Xiaoxi Qiao, M.D., Ph.D.**
- **Uday Desai, M.D.**
- **Paul Edwards, M.D.**
- **Nitin Kumar, M.D.**
- **Thomas Hessburg, M.D.**
- **David Goldman, M.D.**
- **Hua Gao, M.D., PhD.**
- **Mary Monk, CCRP**

### Retina and Vitreous/Uveitis
- **Uday Desai, M.D.** (D, TR)
- **Paul Edwards, M.D.** (LV, D)
- **Hua Gao, M.D., Ph.D.** (WB, D, TA)
- **Thomas Hessburg, M.D.** (GP, D)
- **Nitin Kumar, M.D.** (DB, LK, TR)

### Vision Rehabilitation & Support Groups
- **Ramanpal Deol, O.D.** (GP, LV, LK)
- **Lylas Mogk, M.D.** (GP, LV)
- **Anne Riddering, Ph.D.** (GP, LK)
- **Helen Clarren (DIO)**

### Visual Electrophysiology and Psychophysics
- **Paul Edwards, M.D.** (D)
- **Barry Skarf, M.D.** (D)

### Visual Fields
All Locations

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Referring doctors can call the Henry Ford Referring Physician Office at 1-877-434-7470.
For assistance with scheduling an appointment, patients can call 1-800-363-7575.
For our optometry partners, Henry Ford OptimEyes, please call 1-800-EYE-CARE.