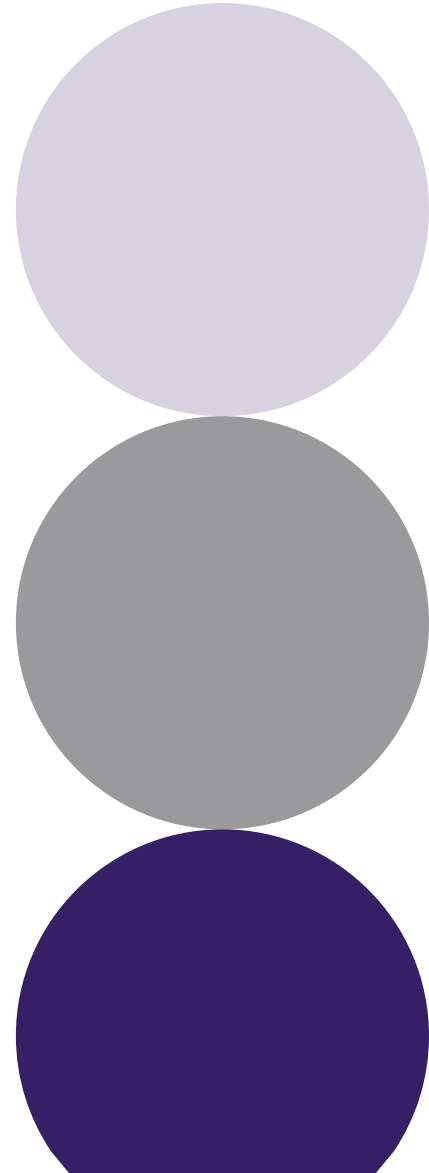


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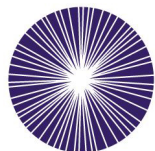
# American Academy of Ophthalmology IRIS® Registry (Intelligent Research in Sight): Subspecialty Societies

OALG 2019



# IRIS<sup>®</sup> Registry QCDR Measures

William L. Rich, MD, III  
Medical Director, IRIS Registry  
Chair, IRIS Registry Executive Committee  
American Academy of Ophthalmology



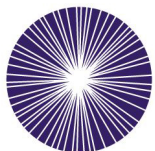
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# Why develop new measures?

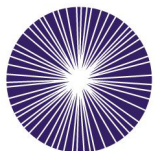
- Many existing measures are “topped out” or nearing “topped out” status
  - This makes it more challenging to score high points
  - CMS is removing topped out measures from the program
- Removal of Process Measures
  - CMS is removing older process measure and will not consider new ones
- Need enough valuable measures that are relevant to ophthalmologists so they can continue to succeed in MIPS





# Collaboration with Subspecialty Societies

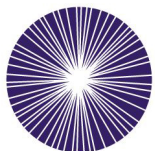
- Academy established workgroups for the subspecialties to:
  - Develop new measures
  - Refine existing measures
- All groups chaired by Cindie Mattox, MD, and William Rich, MD participated
- Subspecialty society leaders helped select representatives to serve on the workgroups along with Academy members
- ABO also represented on the workgroups by:
  - Jane Bailey, MD
  - David Herman, MD
  - George Bartley, MD





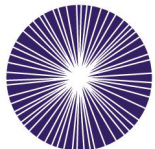
# Subspecialty Measure Workgroup Efforts

- June – November, 2018:
  - Held several phone conferences
  - Corresponded by email to review and refine measures
- Results:
  - Groups reviewed and discussed all QCDR measures
  - Made refinements to several existing measures
  - 28 QCDR measures approved by CMS for 2019 MIPS
    - 6 new measures
    - 11 revised measures



# Cataract Surgery

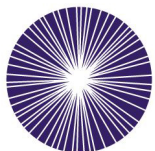
- Members:
  - **Parag Parekh**, MD, American Society of Cataract and Refractive Surgery
  - **Frank Burns**, MD, American Society of Cataract and Refractive Surgery
  - **David Glasser**, MD, Academy
- Refined measure:
  - Regaining Vision After Cataract Surgery





# Cornea/External Disease

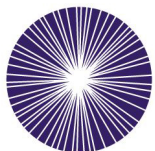
- Subspecialty Society Members:
  - **Christopher Rapuano**, MD, the Cornea Society
  - **David Glasser**, MD, the Cornea Society
- 1 New Measure
  - Endothelial Keratoplasty: Dislocation Requiring Surgical Intervention





# Glaucoma

- Subspecialty Society Members:
  - **Janet Serle**, MD, American Glaucoma Society
  - **Kouros Nouri-Mahdavi**, MD, MS, American Glaucoma Society
  - **William Haynes**, MD, American Glaucoma Society
  - **Emily Patterson**, MD, American Glaucoma Society
  - **Cheryl Khanna**, MD, American Glaucoma Society
- 2 New Measures:
  - Intraocular Pressure Reduction Following Trabeculectomy or Aqueous Shunt Procedures
  - Visual Acuity Improvement Following Cataract Surgery Combined with a Trabeculectomy or an Aqueous Shunt Procedure

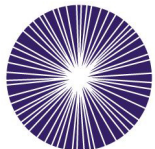






# Neuro-Ophthalmology

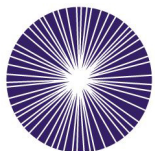
- Subspecialty Society Member:
  - **Valerie Biousse**, MD, North American Neuro-Ophthalmology Society
- Improving the mapping for existing QCDR measures





# Oculoplastic

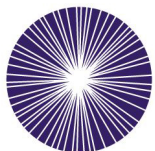
- Subspecialty Society Members:
  - **Kian Eftekhari**, MD, American Society of Ophthalmic Plastic and Reconstructive Surgery
  - **Cesar Briceno**, MD, American Society of Ophthalmic Plastic and Reconstructive Surgery
  - **Kimberly Cockerham**, MD, American Society of Ophthalmic Plastic and Reconstructive Surgery
  - **Paul Phelps**, MD, American Society of Ophthalmic Plastic and Reconstructive Surgery
- 1 New Measure:
  - Post-operative opioid management following oculoplastic surgery





# Pediatric Ophthalmology/Strabismus

- Members:
  - **Gil Binenbaum**, MD, MSCE, American Association for Pediatric Ophthalmology and Strabismus
  - **Stacy Pineles**, MD, MS, American Association for Pediatric Ophthalmology and Strabismus
  - **Robert Wiggins**, MD, MHA, Academy
- Refined Existing Measure:
  - Surgical Pediatric Esotropia: Postoperative alignment
- 1 New Measure:
  - Adult Surgical Esotropia: Postoperative alignment



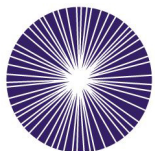
# Retina

## Members:

- **John Thompson**, MD, American Society of Retina Specialists
- **Timothy Murray**, MD, American Society of Retina Specialists
- **Robert Avery**, MD, the Macula Society
- **Michael Elman**, MD, the Macula Society
- **Antonio Capone, Jr**, MD, the Retina Society
- **Allen Ho**, MD, the Retina Society
- **Mathew MacCumber**, MD, PhD, Academy
- **George Williams**, MD, Academy

## Refined Existing Measures:

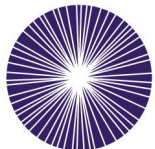
- Exudative AMD- Loss of Visual Acuity
- Evidence of anatomic closure of macular hole within 90 days
- Return to the OR or endophthalmitis after macular hole surgery
- Improved visual acuity after epiretinal membrane treatment
- Return to the OR or endophthalmitis after epiretinal membrane surgical treatment





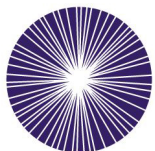
# Uveitis

- Members:
  - **Douglas Jabs**, MD, MBA, American Uveitis Society
  - **Steven Yeh**, MD, American Uveitis Society
  - **Russell Van Gelder**, MD, PhD, American Uveitis Society
- 1 New Measure:
  - Improvement of Macular Edema in Patients with Uveitis





Thanks very much to  
subspecialty societies and  
representatives



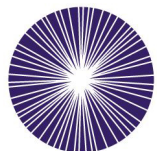
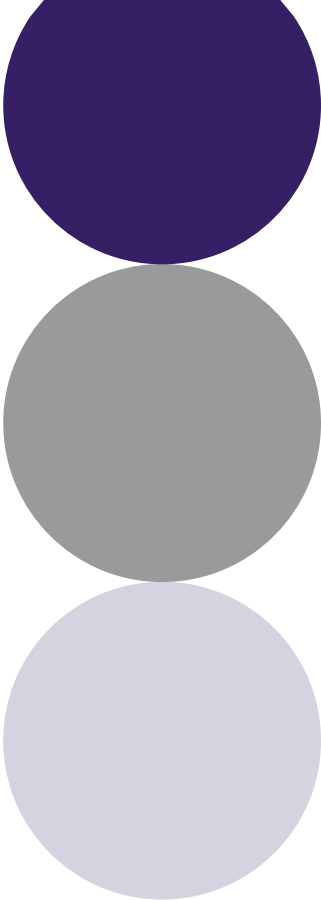
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# Subspecialty Society Perspective

Antonio Capone, MD – The Retina Society



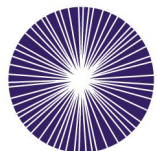
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# Retina Measure Development Workgroup

- Convened March 2018
  - ASRS, Retina and Macula Society - 2 representatives each
- Charged with developing new measures
  - Existing process measures topped out
- CMS emphasis
  - Outcome measures
  - Population health
- Worked over summer of 2018

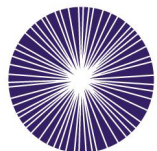






# Retina Measure Development Workgroup

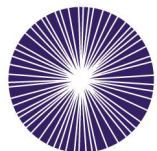
- A focus was to develop an Exudative AMD: Loss of Visual Acuity measure
- Perspective of workgroup
  - Assessing outcomes
    - Construct that captures benefit
    - Practical performance parameters
    - Concerns with including patients that have less than 5 anti-VEGF injections
- CMS perspective
  - Will not approve measures that average 90%+ performance
  - Importance of decile stratification





# Exudative AMD: Loss of Visual Acuity

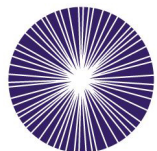
- As a result of conversations with the workgroup and with CMS, CMS approved the measure of loss of less than 3 Snellen lines with two different performance rates:
  - Rate 1: (**Reporting Rate for use for benchmarks**) Patients with with 5 or more treatments with Anti-VEGF Agents over the reporting year.
  - Rate 2 (**To be reported to physicians for quality improvement and population health purposes only**): Patients with with 1 to 4 treatments with Anti-VEGF Agents over the reporting year

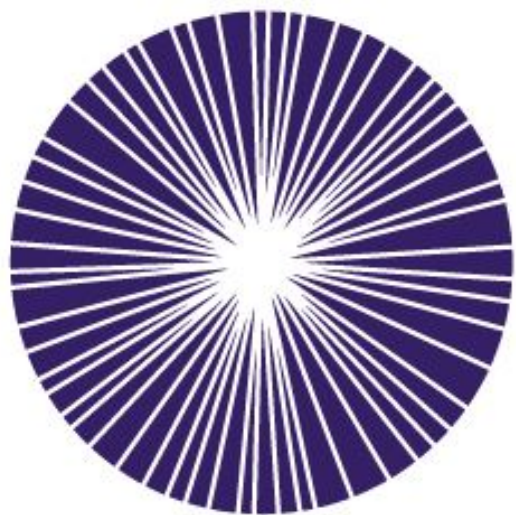




# Retina Measure Development Process

- September 2018 - CMS support for two rates for the AMD measure
  - Performance
  - Quality
- January 2019 - Measure approved
- Performance rates will be reviewed, and revisions can be made





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