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

OALG 2019
IRIS® Registry QCDR Measures

William L. Rich, MD, III
Medical Director, IRIS Registry
Chair, IRIS Registry Executive Committee
American Academy of Ophthalmology
Why develop new measures?

• Many existing measures are “topped out” or nearing “topped out” status
  o This makes it more challenging to score high points
  o CMS is removing topped out measures from the program

• Removal of Process Measures
  o 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:
  o Develop new measures
  o 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:
  o Jane Bailey, MD
  o David Herman, MD
  o George Bartley, MD
Subspecialty Measure Workgroup Efforts

• June – November, 2018:
  o Held several phone conferences
  o Corresponded by email to review and refine measures

• Results:
  o Groups reviewed and discussed all QCDR measures
  o Made refinements to several existing measures
  o 28 QCDR measures approved by CMS for 2019 MIPS
    ▪ 6 new measures
    ▪ 11 revised measures
Cataract Surgery

• Members:
  o **Parag Parekh**, MD, American Society of Cataract and Refractive Surgery
  o **Frank Burns**, MD, American Society of Cataract and Refractive Surgery
  o **David Glasser**, MD, Academy

• Refined measure:
  o Regaining Vision After Cataract Surgery
Cornea/External Disease

• Subspecialty Society Members:
  o Christopher Rapuano, MD, the Cornea Society
  o David Glasser, MD, the Cornea Society

• 1 New Measure
  o Endothelial Keratoplasty: Dislocation Requiring Surgical Intervention
Glaucoma

• Subspecialty Society Members:
  o Janet Serle, MD, American Glaucoma Society
  o Kouros Nouri-Mahdavi, MD, MS, American Glaucoma Society
  o William Haynes, MD, American Glaucoma Society
  o Emily Patterson, MD, American Glaucoma Society
  o Cheryl Khanna, MD, American Glaucoma Society

• 2 New Measures:
  o Intraocular Pressure Reduction Following Trabeculectomy or Aqueous Shunt Procedures
  o Visual Acuity Improvement Following Cataract Surgery Combined with a Trabeculectomy or an Aqueous Shunt Procedure
Neuro-Ophthalmology

• Subspecialty Society Member:
  o **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:
  o **Gil Binenbaum**, MD, MSCE, American Association for Pediatric Ophthalmology and Strabismus
  o **Stacy Pineles**, MD, MS, American Association for Pediatric Ophthalmology and Strabismus
  o **Robert Wiggins**, MD, MHA, Academy

• Refined Existing Measure:
  o Surgical Pediatric Esotropia: Postoperative alignment

• 1 New Measure:
  o 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:
  o Douglas Jabs, MD, MBA, American Uveitis Society
  o Steven Yeh, MD, American Uveitis Society
  o Russell Van Gelder, MD, PhD, American Uveitis Society

• 1 New Measure:
  o Improvement of Macular Edema in Patients with Uveitis
Thanks very much to subspecialty societies and representatives
Subspecialty Society Perspective

Antonio Capone, MD – The Retina Society
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
  o Assessing outcomes
    ▪ Construct that captures benefit
    ▪ Practical performance parameters
    ▪ Concerns with including patients that have less than 5 anti-VEGF injections

• CMS perspective
  o Will not approve measures that average 90%+ performance
  o 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 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 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
  o Performance
  o Quality

• January 2019 - Measure approved

• Performance rates will be reviewed, and revisions can be made