



# 57<sup>th</sup> Annual Meeting

Four Seasons Resort Vail, Colorado

July 22 - 27, 2014

.

### APPROVED FOR wAMD|DME|RVO\*

### LUCENTIS IS DESIGNED FOR INTRAOCULAR ACTIVITY AND RAPID SYSTEMIC CLEARANCE

### PRECISION AND PERFORMANCE

WHERE IT MATTERS

\*Macular edema following RVQ

### LUCENTIS is FDA approved for less-frequent-than-monthly dosing in wAMD<sup>2</sup>

The HARBOR trial demonstrated that dosing frequency may be individualized based on retreatment criteria and regular assessment.<sup>3</sup>

#### **INDICATION**

LUCENTIS<sup>®</sup> (ranibizumab injection) is indicated for the treatment of patients with:

- Neovascular (wet) age-related macular degeneration (wAMD)
- Macular edema following retinal vein occlusion (RVO)
- Diabetic macular edema (DME)

#### **IMPORTANT SAFETY INFORMATION**

 LUCENTIS is contraindicated in patients with ocular or periocular infections or hypersensitivity to ranibizumab or any of the excipients in LUCENTIS.

#### WARNINGS AND PRECAUTIONS

- Intravitreal injections, including those with LUCENTIS, have been associated with endophthalmitis, retinal detachment, and iatrogenic traumatic cataract. Proper aseptic injection technique should always be utilized when administering LUCENTIS. Patients should be monitored during the week following the injection to permit early treatment, should an infection occur.
- Increases in intraocular pressure (IOP) have been noted both pre-injection and post-injection (at 60 minutes) with LUCENTIS. IOP and perfusion of the optic nerve head should be monitored and managed appropriately.
- Although there was a low rate of arterial thromboembolic events (ATEs) observed in the LUCENTIS clinical trials, there is a potential risk of ATEs following intravitreal use of VEGF inhibitors. ATEs are defined as nonfatal stroke, nonfatal myocardial infarction, or vascular death (including deaths of unknown cause).

For more information, visit www.LUCENTIS.com.



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 Fatal events occurred more frequently in DME patients treated monthly with LUCENTIS compared with control. Although the rate of fatal events was low and included causes of death typical of patients with advanced diabetic complications, a potential relationship between these events and intravitreal use of VEGF inhibitors cannot be excluded.

#### **ADVERSE EVENTS**

- Serious adverse events related to the injection procedure that occurred in <0.1% of intravitreal injections included endophthalmitis, rhegmatogenous retinal detachment, and iatrogenic traumatic cataract.
- In the LUCENTIS Phase III clinical trials, the most common ocular side effects included conjunctival hemorrhage, eye pain, vitreous floaters, and increased intraocular pressure. The most common non-ocular side effects included nasopharyngitis, headache, influenza, sinusitis, cough, and nausea.

For additional safety information, please see LUCENTIS Brief Summary on adjacent page.

**REFERENCES: 1.** Ferrara N, Damico L, Shams N, Lowman H, Kim R. Development of ranibizumab, an anti-vascular endothelial growth factor antigen binding fragment, as therapy for neovascular age-related macular degeneration. *Retina*. 2006;26:859-870. **2.** LUCENTIS [package insert]. South San Francisco, CA: Genentech, Inc; 2013. **3.** Busbee BG, Ho AC, Brown DM, et al; for the HARBOR Study Group. Twelve-month efficacy and safety of 0.5 mg or 2.0 mg ranibizumab in patients with subfoveal neovascular age-related macular degeneration. *Ophthalmology*. 2013;120:1046-1056.





### Brief summary-please see the LUCENTIS® package insert for full prescribing information.

#### 1 INDICATIONS AND USAGE

- LUCENTIS is indicated for the treatment of patients with:
- 1.1 Neovascular (wet) age-related macular degeneration (AMD) 1.2 Macular edema following retinal vein occlusion (RVO)
- 1.3 Diabetic macular edema (DMF)

#### 2 DOSAGE AND ADMINISTRATION

#### FOR OPHTHALMIC INTRAVITREAL INJECTION ONLY.

2.2 Neovascular (wet) age-related macular degeneration (AMD) LUCENTIS 0.5 mg (0.05 mL of 10 mg/mL LUCENTIS solution) is recommended to be administered by intravitreal injection once a month (approximately 28 days).

Although not as effective, patients may be treated with three monthly doses followed by less frequent dosing with regular assessment. In the nine months after three initial monthly doses, less frequent dosing with 4-5 doses on average is expected to maintain visual acuity while monthly does not expected to result in an additional average 1-2 letter gain. Patients should be assessed regularly [see Clinical Studies (14.1)].

Although not as effective, patients may also be treated with one dose every a moths after 4 monthly doese. Compared to continued monthly dosing, dosing every 3 months over the next 9 months will lead to an approximate 5-letter (1-line) loss of visual acuity benefit, on average. Patients should be assessed regularly [see Clinical Studies (14.1)].

#### 2.3 Macular edema following retinal vein occlusion (RVO)

LUCENTIS 0.5 mg (0.05 mL of 10 mg/mL LUCENTIS solution) is recommended to be administered by intravitreal injection once a month (approximately 28 days).

to be administered by intravited injection rice a notinit (approximately 26 days). In Studies RVO-1 and RVO-2, patients received monthly injections of LUCENTIS for 6 months. In spite of being guided by optical coherence tomography and visual acuity re-treatment criteria, patients who were then not treated at Month 6 experienced, on average, a loss of visual acuity at Month 7, whereas patients who were treated at Month 6 did not. Patients should be treated monthly [see Clinical Studies (14.2)].

#### 2.4 Diabetic macular edema (DME)

LUCENTIS 0.3 mg (0.05 mL of 6 mg/mL LUCENTIS solution) is recommended to be administered by intravitreal injection once a month (approximately 28 days).

#### 2.5 Preparation for administration

Using aseptic technique, all of the LUCENTIS vial contents are withdrawn through a 5-micron, 19-gauge filter needle attached to a 1-cc tuberculin syringe. The The model is should be discarded after withdrawal of the vial contents and should not be used for intravitreal injection. The filter needle should be replaced with a sterile 30-gauge  $\times \frac{1}{2}$ -inch needle for the intravitreal injection. The contents should be expelled until the plunger tip is aligned with the line that marks 0.05 mL on the syringe.

#### 2.6 Administration

The intravitreal injection procedure should be carried out under controlled aseptic conditions, which include the use of sterile gloves, a sterile drape, and a sterile eyelid speculum (or equivalent). Adequate anesthesia and a broad-spectrum microbicide should be given prior to the injection.

microtocide should be given prior to the injection. Prior to and 30 minutes following the intravitreal injection, patients should be monitored for elevation in intraocular pressure using tonometry. Monitoring may also consist of a check for perfusion of the optic nerve head immediately after the injection [see Warnings and Precautions (5.2]). Patients should also be monitored for and instructed to report any symptoms suggestive of endophthalmitis without delay following the injection [see Warnings and Precautions (5.1]). Each vial should only be used for the treatment of a single eye. If the contralateral eye requires treatment, a new vial should be used and the sterilie field, syringe, gloves, drapes, eyelid speculum, filter, and injection needles should be changed before LUCENTS is administered to the other eye.

No special dosage modification is required for any of the populations that have been studied (e.g., gender, elderly).

#### **4 CONTRAINDICATIONS**

#### 4.1 Ocular or periocular infections

#### LUCENTIS is contraindicated in patients with ocular or periocular infections. 4.2 Hypersensitivity

LUCENTIS is contraindicated in patients with known hypersensitivity to ranibizumab or any of the excipients in LUCENTIS. Hypersensitivity reactions may manifest as severe intraocular inflammation

#### **5 WARNINGS AND PRECAUTIONS**

5.1 Endophthalmitis and retinal detachments Intravitreal injections, including those with LUCENTS, have been associated with endophthalmitis and retinal detachments. Proper aseptic injection technique should always be used when administering LUCENTS. In addition, patients should be monitored following the injection to permit early treatment should an infection occur [see Dosage and Administration (2.5, 2.6) and Patient Counseling Information (17)].

5.2 Increases in intraocular pressure Increases in intraocular pressure have been noted both pre-injection and post-injection (at 60 minutes) while being treated with LUCENTIS. Monitor intraocular appropriately [see Dosage and Administration (2.6)].

#### 5.3 Thromboembolic events

Although there was a low rate of arterial thromboembolic events (ATEs) observed in the LUCENTIS clinical trials, there is a potential risk of ATEs following intravitreal use of VEGF inhibitors. ATEs are defined as nonfatal stroke, nonfatal myocardial infarction, or vascular death (including deaths of unknown cause).

#### Neovascular (wet) age-related macular degeneration

Neovascular (wet) age-related macular degeneration The ATE rate in the three controlled neovascular AMD studies (AMD-1, AMD-2, AMD-3) during the first year was 1.9% (17 of 874) in the combined group of patients treated with 0.3 mg or 0.5 mg LUCENTIS compared with 1.1% (5 of 411) in patients from the control arms [see Clinical Studies (14.17). In the second year of Studies AMD-1 and AMD-2, the ATE rate was 2.6% (19 of 721) in the combined group of LUCENTIS-treated patients compared with 2.9% (10 of 344) in patients from the control arms. In Study AMD-4, the ATE rates observed in the 0.5 mg arms of the study during the first year were similar to rates observed in AMD-1 AMD-1 and AMD-3 and AMD-3. AMD-1, AMD-2, and AMD-3

In a pooled analysis of 2-year controlled studies (AMD-1, AMD-2, and a study of LUCENTIS used adjunctively with verteporfin photodynamic therapy), the stroke rate (including both ischemic and hemorrhagic stroke) was 2.7% (13 of 484) in patients treated with 0.5 mg LUCENTIS compared to 1.1% (5 of 435) in patients in the control arms (odds ratio 2.2 (95% confidence interval (0.8-7.1))).

#### Macular edema following retinal vein occlusion

Macula eventa following relatia vehi occusion: The ATE rate in the two controlled RV0 studies during the first 6 months was 0.8% in both the LUCENTIS and control arms of the studies (4 of 525 in the combined group of patients treated with 0.3 mg or 0.5 mg LUCENTIS and 2 of 260 in the control arms) [see *Clinical Studies* (14.2)]. The stroke rate was 0.2% (1 of 525) in the combined group of LUCENTIS-treated patients compared to 0.4% (1 of 260) in the control arms.

#### Diabetic macular edema

Diabetic macular edema In a pooled analysis of studies DME-1 and DME-2 [see Clinical Studies (14.3)], the ATE rate at 2 years was 7.2% (18 of 250) with 0.5 mg LUCENTIS, 5.6% (14 of 250) with 0.3 mg LUCENTIS, and 5.2% (13 of 250) with control. The stroke rate at 2 years was 3.2% (6 of 250) with 0.5 mg LUCENTIS, 1.2% (3 of 250) with 0.3 mg LUCENTIS, and 1.6% (4 of 250) with control. At 3 years, the ATE rate was 10.4% (26 of 249) with 0.5 mg LUCENTIS and 10.8% (27 of 250) with 0.3 mg LUCENTIS; the stroke rate was 4.8% (12 of 249) with 0.5 mg LUCENTIS and 2.0% (5 of 250) with 0.3 mg LUCENTIS.

5.4 Fatal events in DME patients A pooled analysis of Studies DME-1 and DME-2 [see Clinical Studies (14.3)] A pooled alrays or Subules DME-1 and DME-2 (see Unitical Subules (14.3)) showed that faithties in the first 2 years occurred in 4.4% (11 of 250) of patients treated with 0.5 mg LUCENTIS, in 2.8% (7 of 250) of patients treated with 0.3 mg LUCENTIS, and in 1.2% (3 of 250) of control patients. Over 3 years, fatalities occurred in 6.4% (16 of 249) of patients treated with 0.5 mg LUCENTIS and in 4.4% (11 of 250) of patients treated with 0.3 mg LUCENTIS. Although the rate of fatal events was low and included causes of death typical of patients with dwared dibitio complecified a patient of the distingting burget the patients with advanced diabetic complications, a potential relationship between these events and intravitreal use of VEGF inhibitors cannot be excluded.

#### 6 ADVERSE REACTIONS

The following adverse reactions are discussed in greater detail in the Warnings and Precautions (5) section of the label:

- Endophthalmitis and retinal detachments
   Increases in intraocular pressure
- Thromboembolic events
   Fatal events in DME patients

#### 6.1 Injection procedure

Serious adverse reactions related to the injection procedure have occurred in < 0.1% of intravitreal injections, including endophthalmitis [see Warnings and Precautions (5.1)], rhegmatogenous retinal detachment, and iatrogenic traumatic cataract.

#### 6.2 Clinical studies experience

Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in one clinical trial of a drug cannot be directly compared with rates in the clinical trials of the same or another drug and may not reflect the rates observed in practice

The data below reflect exposure to 0.5 mg LUCENTIS in 440 patients with neovascular AMD in Studies AMD-1, AMD-2, and AMD-3, and 259 patients with macular edema following RVO. The data also reflect exposure to 0.3 mg LUCENTIS in 250 patients with DME [see *Clinical Studies* (14)].

Safety data observed in Study AMD-4 were consistent with these results. On average, the rates and types of adverse reactions in patients were not significantly affected by dosing regimen.

#### Ocular reactions

Table 1 shows frequently reported ocular adverse reactions in LUCENTIS-treated patients compared with the control group.

#### Table 1. Ocular reactions in the DME, AMD, and RVO studies

|   | DME 2-year         |         | AMD 2-year         |         | AMD 1-year         |         | RVO 6-month        |         |
|---|--------------------|---------|--------------------|---------|--------------------|---------|--------------------|---------|
|   | LUCENTIS<br>0.3 mg | Control | LUCENTIS<br>0.5 mg | Control | LUCENTIS<br>0.5 mg | Control | LUCENTIS<br>0.5 mg | Control |
| Adverse reaction                        | n=250              | n=250   | n=379              | n=379   | n=440              | n=441   | n=259              | n=260   |
| Conjunctival<br>hemorrhage              | 47%                | 32%     | 74%                | 60%     | 64%                | 50%     | 48%                | 37%     |
| Eye pain                                | 17%                | 13%     | 35%                | 30%     | 26%                | 20%     | 17%                | 12%     |
| Vitreous floaters                       | 10%                | 4%      | 27%                | 8%      | 19%                | 5%      | 7%                 | 2%      |
| Intraocular<br>pressure increased       | 18%                | 7%      | 24%                | 7%      | 17%                | 5%      | 7%                 | 2%      |
| Vitreous<br>detachment                  | 11%                | 15%     | 21%                | 19%     | 15%                | 15%     | 4%                 | 2%      |
| Intraocular<br>inflammation             | 4%                 | 3%      | 18%                | 8%      | 13%                | 7%      | 1%                 | 3%      |
| Cataract                                | 28%                | 32%     | 17%                | 14%     | 11%                | 9%      | 2%                 | 2%      |
| Foreign body<br>sensation in eyes       | 10%                | 5%      | 16%                | 14%     | 13%                | 10%     | 7%                 | 5%      |
| Eye irritation                          | 8%                 | 5%      | 15%                | 15%     | 13%                | 12%     | 7%                 | 6%      |
| Lacrimation<br>increased                | 5%                 | 4%      | 14%                | 12%     | 8%                 | 8%      | 2%                 | 3%      |
| Blepharitis                             | 3%                 | 2%      | 12%                | 8%      | 8%                 | 5%      | 0%                 | 1%      |
| Dry eye                                 | 5%                 | 3%      | 12%                | 7%      | 7%                 | 7%      | 3%                 | 3%      |
| Visual disturbance<br>or vision blurred | 8%                 | 4%      | 18%                | 15%     | 13%                | 10%     | 5%                 | 3%      |
| Eye pruritus                            | 4%                 | 4%      | 12%                | 11%     | 9%                 | 7%      | 1%                 | 2%      |
| Ocular hyperemia                        | 9%                 | 9%      | 11%                | 8%      | 7%                 | 4%      | 5%                 | 3%      |
| Retinal disorder                        | 2%                 | 2%      | 10%                | 7%      | 8%                 | 4%      | 2%                 | 1%      |
| Maculopathy                             | 5%                 | 7%      | 9%                 | 9%      | 6%                 | 6%      | 11%                | 7%      |
| Retinal degeneration                    | 1%                 | 0%      | 8%                 | 6%      | 5%                 | 3%      | 1%                 | 0%      |
| Ocular discomfort                       | 2%                 | 1%      | 7%                 | 4%      | 5%                 | 2%      | 2%                 | 2%      |
| Conjunctival<br>hyperemia               | 1%                 | 2%      | 7%                 | 6%      | 5%                 | 4%      | 0%                 | 0%      |
| Posterior capsule<br>opacification      | 4%                 | 3%      | 7%                 | 4%      | 2%                 | 2%      | 0%                 | 1%      |
| Injection site<br>hemorrhage            | 1%                 | 0%      | 5%                 | 2%      | 3%                 | 1%      | 0%                 | 0%      |

#### Non-ocular reactions

Non-ocular deductors Non-ocular deverse reactions with an incidence of  $\geq$  5% in patients receiving LUCENTIS for DME, AMD, and/or RVO and which occurred at a  $\geq$  1% higher frequency in patients treated with LUCENTIS compared to control are shown in Table 2. Though less common, wound healing complications were also observed in some studies

#### Table 2. Non-ocular reactions in the DMF. AMD and RVO studies

| Table 2. Non-ocus                        |                    |         |                    | ·          |                    |            |                    |             |  |
|--|--------------------|---------|--------------------|------------|--------------------|------------|--------------------|-------------|--|
|  | DME 2-year         |         |                    | AMD 2-year |                    | AMD 1-year |                    | RVO 6-month |  |
|  | LUCENTIS<br>0.3 mg | Control | LUCENTIS<br>0.5 mg | Control    | LUCENTIS<br>0.5 mg | Control    | LUCENTIS<br>0.5 mg | Control     |  |
| Adverse reaction                         | n=250              | n=250   | n=379              | n=379      | n=440              | n=441      | n=259              | n=260       |  |
| Nasopharyngitis                          | 12%                | 6%      | 16%                | 13%        | 8%                 | 9%         | 5%                 | 4%          |  |
| Anemia                                   | 11%                | 10%     | 8%                 | 7%         | 4%                 | 3%         | 1%                 | 1%          |  |
| Nausea                                   | 10%                | 9%      | 9%                 | 6%         | 5%                 | 5%         | 1%                 | 2%          |  |
| Cough                                    | 9%                 | 4%      | 9%                 | 8%         | 5%                 | 4%         | 1%                 | 2%          |  |
| Constipation                             | 8%                 | 4%      | 5%                 | 7%         | 3%                 | 4%         | 0%                 | 1%          |  |
| Seasonal allergy                         | 8%                 | 4%      | 4%                 | 4%         | 2%                 | 2%         | 0%                 | 2%          |  |
| Hypercholesterol-<br>emia                | 7%                 | 5%      | 5%                 | 5%         | 3%                 | 2%         | 1%                 | 1%          |  |
| Influenza                                | 7%                 | 3%      | 7%                 | 5%         | 3%                 | 2%         | 3%                 | 2%          |  |
| Renal failure                            | 7%                 | 6%      | 1%                 | 1%         | 0%                 | 0%         | 0%                 | 0%          |  |
| Upper respiratory<br>tract infection     | 7%                 | 7%      | 9%                 | 8%         | 5%                 | 5%         | 2%                 | 2%          |  |
| Gastroesophageal<br>reflux disease       | 6%                 | 4%      | 4%                 | 6%         | 3%                 | 4%         | 1%                 | 0%          |  |
| Headache                                 | 6%                 | 8%      | 12%                | 9%         | 6%                 | 5%         | 3%                 | 3%          |  |
| Edema peripheral                         | 6%                 | 4%      | 3%                 | 5%         | 2%                 | 3%         | 0%                 | 1%          |  |
| Renal failure<br>chronic                 | 6%                 | 2%      | 0%                 | 1%         | 0%                 | 0%         | 0%                 | 0%          |  |
| Neuropathy<br>peripheral                 | 5%                 | 3%      | 1%                 | 1%         | 1%                 | 0%         | 0%                 | 0%          |  |
| Sinusitis                                | 5%                 | 8%      | 8%                 | 7%         | 5%                 | 5%         | 3%                 | 2%          |  |
| Bronchitis                               | 4%                 | 4%      | 11%                | 9%         | 6%                 | 5%         | 0%                 | 2%          |  |
| Atrial fibrillation                      | 3%                 | 3%      | 5%                 | 4%         | 2%                 | 2%         | 1%                 | 0%          |  |
| Arthralgia                               | 3%                 | 3%      | 11%                | 9%         | 5%                 | 5%         | 2%                 | 1%          |  |
| Chronic obstructive<br>pulmonary disease | 1%                 | 1%      | 6%                 | 3%         | 3%                 | 1%         | 0%                 | 0%          |  |
| Wound healing<br>complications           | 1%                 | 0%      | 1%                 | 1%         | 1%                 | 0%         | 0%                 | 0%          |  |

#### 6.3 Immunogenicity

6.3 immunogenicity As with all therapeutic proteins, there is the potential for an immune response in patients treated with LUCENTS. The immunogenicity data reflect the percentage of patients whose test results were considered positive for antibodies to LUCENTS in immunosasys and are highly dependent on the sensitivity and specificity of the asays.

The pre-treatment incidence of immunoreactivity to LUCENTIS was 0%-5% across treatment groups. After monthly dosing with LUCENTIS for 6 to 24 months, antibodies to LUCENTIS were detected in approximately 1%-8% of patients.

The clinical significance of immunoreactivity to LUCENTIS is unclear at this time. Among neovascular AMD patients with the highest levels of immunoreactivity, some were noted to have iritis or vitritis. Intraocular inflammation was not observed in DME or RVO patients with the highest levels of immunoreactivity.

#### 7 DRUG INTERACTIONS

Drug interaction studies have not been conducted with LUCENTIS. LUCENTIS intravitreal injection has been used adjunctively with verteporfin photodynamic therapy (PDT). Twelve of 105 (11%) patients with neovascular AMD developed serious intraocular inflammation; in 10 of the 12 patients, this occurred when LUCENTIS was administered 7 days (± 2 days) after verteporfin PDT.

#### 8 USE IN SPECIFIC POPULATIONS

#### 8.1 Pregnancy

8.1 Pregnancy Pregnancy Category C. There are no studies of LUCENTIS in pregnant women. An embryo-fetal developmental toxicity study was performed on pregnant cynomolgus monkeys. Pregnant animals received intravitreal injections of ranibizumab every 14 days starting on Day 20 of gestation, until Day 62 at doses of 0, 0.125, and 1 mg/eys. Skeletal ahornmalities including incomplete and/or irregular ossification of bones in the skull, vertebral column, and hindlimbs and shortened supernumerary ribs were seen at a low incidence in fetuses from animals treated with 1 mg/eys of ranibizumab. The 1 mg/eye dose resulted in trough serum ranibizumab levels up to 13 times higher than predicted C<sub>mi</sub> levels with single eye treatment in humans. No seletal ahormalities were seen at at the lower dose of 0.125 mg/eye, a dose which resulted in trough exposures equivalent to single eye treatment in humans. No effect on the weight or structure of the placenta. maternal toxicity or embryotpoxity was observed. placenta, maternal toxicity, or embryotoxicity was observed.

Animal reproduction studies are not always predictive of human response. It is also not known whether ranibizumab can cause fetal harm when administered to and the Norwin version radiation of an table end of the anti-Neter and the anti-Neter and a pregnant woman or can affect and conclusion capacity. Based on the anti-VEGF mechanism of action for ranibizumab [see Clinical Pharmacology (12.1)], treatment with ULCENTS my ose a risk to embyo-fetal development (including teratogenicity) and reproductive capacity. LUCENTS should be given to a pregnant woman only if clearly needed.

#### 8.3 Nursing mothers

It is not known whether ranibizumab is excreted in human milk. Because many drugs are excreted in human milk, and because the potential for absorption and harm to infant growth and development exists, caution should be exercised when LUCENTIS is administered to a nursing woman

#### 8.4 Pediatric use

The safety and effectiveness of LUCENTIS in pediatric patients have not been established.

#### 8.5 Geriatric use

In the clinical studies, approximately 79% (2387 of 3005) of patients randomized In the unital solutions, approximately 547 (2007) to 1000 (approximately 54%) to treatment with LUCENTS were  $\geq$  65 years of age and approximately 54% (1636 of 3005) were  $\geq$  75 years of age [see *Clinical Studies* (14)]. No notable differences in efficacy or safety were seen with increasing age in these studies. Age did not have a significant effect on systemic exposure.

#### 10 OVERDOSAGE

More concentrated doses as high as 2 mg ranibizumab in 0.05 mL have been administered to patients. No additional unexpected adverse reactions were seen.

#### **17 PATIENT COUNSELING INFORMATION**

In the days following LUCENTIS administration, patients are at risk of developing endophthalmitis. If the eye becomes red, sensitive to light, painful, or develops a change in vision, the patient should seek immediate care from an ophthalmologist [see Warnings and Precautions (5.1)].

#### LUCENTIS® [ranibizumab injection]

Manufactured by: Genentech, Inc.

A Member of the Roche Group 1 DNA Way South San Francisco, CA 94080-4990

10133592 Initial US Approval: June 2006 Revision Date: LUC0001648500 2013 LUCENTIS® is a registered trademark of Genentech. Inc. © 2013 Genentech, Inc

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### WELCOME LETTER

July 2014 Vail, Colorado

Dear Colleagues,

Welcome to the 57<sup>th</sup> Annual Meeting of the American Eye Study Club. We are returning to the mountains of Colorado and Vail Valley for what promises to be a wonderful conference.

As before, the clinical program is accredited for Category 1 CME credit. Be sure to complete your CME claim form and return it to the registration table before you leave the conference. This benefit hopefully will be a meaningful and enticing component for your attendance. Whether you are a veteran Club member or attending your first meeting, please take some time to look through the meeting booket. We have assembled a quality program under the guidance of Bob Wiggins, president-elect and program chair. During the week, we hope that you – and your family – will feel the true spirit of the American Eye Study Club by engaging in lively discussion regarding the topics presented and engaging with other members and families.

The Foundation of the AESC was established to ensure future support of the educational goals of the Club, in addition to other potential charitable projects. We are grateful for the financial support provided by members. In 2011, the HOYA Society was established in honor of Edward K. Isbey Jr. to recognize those who make substantial financial commitments to the Foundation. Already, 38 members have pledged a combined total of more than \$26,000 per year, including 19 pledging the "Hoya Level" of \$1,000 per year for 10 years. I urge every member – especially those in attendance at this meeting – to make a donation (which is tax-deductible). The Foundation's significant financial support helps to defray the educational expenses of our conference.

It has been a pleasure to serve as your President this year. Participation in the AESC has been the source of close friendships for many of us, and I thank each of you for all that you do for one another and for the Club throughout the year. I know you share my goal that this meeting will continue in the rich tradition of the American Eye Study Club as we exchange ideas, share our humor, and experience the camaraderie.

Have a great time!!

Sincerely,

Ron W. Pelton, MD, PhD *President* 



### 2013-14 OFFICERS

| President           | Ron W. Pelton, MD, PhD     |
|---------------------|----------------------------|
| President-Elect     | Robert E. Wiggins, Jr., MD |
| Secretary-Treasurer | David B. Granet, MD        |
| Recording Secretary | Brian A. Welcome, MD       |



Ron Pelton President



Bob Wiggins President-elect



David Granet Secretary-Treasurer

### ADMINISTRATIVE TEAM

Rich Paul, *executive director* Kathy Paul, *meetings coordinator* Jessica Garcia, *administrative assistant* 

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AESC Website www.AmericanEyeStudyClub.org



Brian Welcome Recording Secretary

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### **AMERICAN EYE STUDY CLUB 2014**

57<sup>th</sup> Annual Meeting – – Summer Conference

Four Seasons Resort - Vail, Colorado *Tuesday (7/29/14) – Sunday (7/27/14)* 

### **Meeting Overview**

Updated: July 8, 2014

### Tuesday - 7/22/14

| During the day        | Arrivals   |
|-----------------------|--|
| 4:00 p.m. – 6:00 p.m. | Meeting Registration - Meadows Pre-function area, 3rd Floor      |
| 6:30 p.m. – 8:30 p.m. | Welcome Reception & light dinner buffet for members and families |
| · ·                   | Meadows Pre-function & Meadows Terrace, 3rd Floor                |

### Wednesday - 7/23/14

Tennis Tournament - Cascade Athletic Club

Reception & Banquet at 4 Eagle Ranch

Individual recreation

Breakfast for members and families - Flame Restaurant, 3rd Floor

Special Session: OMIC Presentation - Big Horn Ballroom, 3rd Floor

General Session/Ruedemann Lecture - Big Horn Ballroom, 3<sup>rd</sup> Floor

### <u> Thursday - 7/24/14</u>

6:45 a.m. – 9:00 a.m. 7:15 a.m. - 8:15 a.m. 8:15 a.m. – 12:00 p.m. 2:00 p.m. – 4:30 p.m. Afternoon 6:30 p.m. - 9:00 p.m.

### <u>Friday - 7/25/14</u>

| 6:45 a.m. – 9:00 a.m.  | Breakfast for members and families - <i>Flame Restaurant, 3<sup>rd</sup> Floor</i> |
|------------------------|--|
| 7:45 a.m. – 12:00 p.m. | General Session/Knauer Lecture - <i>Big Horn Ballroom, 3<sup>rd</sup> Floor</i>    |
| Afternoon/Evening      | Free time for recreation   |
| 2:00 p.m 6:15 p.m.     | Whitewater Rafting Trip through Glenwood Canyon (includes lunch)                   |
| Evening                | Dinner on your own   |

### <u>Saturday - 7/26/14</u>

| 8:00 a.m. – 12:00 p.m. | AESC Golf Outing - Summit Course at Cordillera  |
|------------------------|---|
| 9:00 a.m.              | "Not Golf" Outing & Mimosas - Meadows Terrace, 3rd Floor                                |
| Morning                | Individual recreation on your own   |
| 1:55 p.m. – 3:45 p.m.  | General Session - Big Horn Ballroom, 3 <sup>rd</sup> Floor                              |
| 3:45 p.m.              | Ice Cream Social (everybody)  |
|                        | Meadows Pre-function & Meadows Terrace, 3rd Floor                                       |
| 4:15 p.m. – 5:15 p.m.  | Business Meeting - Big Horn Ballroom, 3rd Floor   |
| 6:00 p.m. – 7:30 p.m.  | Baptismo Emeritus reception - <i>poolside at the Four Seasons</i><br>Dinner on your own |

### Sunday - 7/27/14

No planned activities Departures

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### 26TH AESC ALBERT RUEDEMANN, JR. LECTURER

### George S. Ellis, Jr., MD

Director, Department of Ophthalmology; Pediatric Ophthalmology and Adult Eye Disorders Children's Hospital; New Orleans, Louisiana



### 11TH ANNUAL AESC FOUNDATION JERRY AND DONNA KNAUER LECTURE

### Michael X. Repka, MD, MBA

Vice Chair for the Clinical Practice; Professor of Ophthalmology & Pediatrics Division of Pediatric Ophthalmology & Adult Strabismus The Wilmer Eye Institute; The Johns Hopkins School of Medicine Baltimore, Maryland



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### **CONTINUING MEDICAL EDUCATION INFORMATION**

We are pleased to announce that this meeting has been accredited for continuing medical education credit through the joint sponsorship with the CFMC. Details concerning CME credit can be found on the following pages.

Please complete the CME claim form and return it to the AESC registration table before you leave the conference. Your certificate will be mailed to you automatically within a couple of weeks. Please be sure to keep a copy of your credit documentation in a safe place. You may "self-report" the credits earned to your AAO transcript by visiting the Academy's website: go to the ONE Network tab and click on the "CME Central" link.

As is true with all CME conferences, it is each attendee's responsibility to claim the credit actually earned by attending the various sessions. We estimate the amount of credit for each session to be as follows:

| Wednesday, July 23 | 4.50          |
|--------------------|---------------|
| Thursday, July 24  | 4.50          |
| Friday, July 25    | 4.00          |
| Saturday, July 26  | 1.50          |
|                    |               |
| Total              | 14.50 credits |

#### Participant Evaluation

In addition to the CME claim form, please take some time during the conference to fill out the audience evaluation form. Your responses to these questions are an important part of the CME planning process, and it helps us to determine if we are meeting the educational objectives for the meeting.

This form will be <u>scanned</u> and tabulated by computer, so we very much appreciate keeping your responses in the spaces indicated... and don't use it for a "doodles." Extraneous marks on the sheets make it impossible to tabulate your responses.

Thank you for your assistance!

### American Eye Study Club

### "2014 Annual Meeting"

July 22 - 27, 2014 Vail, CO

#### RECEIVING YOUR CERTIFICATE OF CREDIT

Participants must attend an entire session to receive credit. Please be sure to complete and submit your CME claim form before you leave the conference. Also, we ask that you complete the evaluation form and return it to the registration table. A certificate will be mailed to you within two weeks following the conference. The information collected from your evaluation sheet represents an important part of the CME planning process. CFMC will retain a record of attendance on file for six years.

#### JOINT SPONSORSHIP STATEMENT



This educational activity is jointly sponsored by CFMC and the American Eye Study Club.

#### GOAL/PURPOSE

To advance the clinical knowledge of ophthalmologists and their understanding of eye diseases.

#### TARGET AUDIENCE

This activity has been designed to meet the educational needs of ophthalmologists.

#### FACULTY

See detailed program

#### EDUCATIONAL OBJECTIVES

Upon completion of this series, participants should be able to:

- 1. Discuss advances and new techniques in ophthalmic surgery, including glaucoma, cataract, retina and oculoplastics.
- 2. Describe basic science factors relating to a variety of eye diseases.
- 3. Explain new thinking in the medical management of common eye disease such as glaucoma, retinal diseases and cornea disorders.
- 4. Discuss ways to improve patient safety in an ophthalmologist's office and how the development of public policy in government and elsewhere impacts upon the delivery of ophthalmic care in a safe and efficient manner.

#### **PHYSICIAN ACCREDITATION STATEMENT**



This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of Colorado Foundation for Medical Care (CFMC) and the American Eye Study Club Colorado Foundation for Medical Care (CFMC) is accredited by the ACCME to provide continuing medical education for physicians.

Colorado Foundation for Medical Care (CFMC) designates this live activity for a maximum of 14.5 AMA PRA Category 1 Credit(s)<sup>TM</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

#### **DISCLAIMER STATEMENT**

The content, views and opinions presented in this educational activity are those of the authors and do not necessarily reflect those of CFMC or the American Eye Study Club. The authors have disclosed if there is any discussion of published and/or investigational uses of agents that are not indicated by the FDA in their presentations. Before prescribing any medicine, primary references and full prescribing information should be consulted. Any procedures, medications, or other courses of diagnosis or treatment discussed or suggested in this activity should not be used by clinicians without evaluation of their patient's conditions and possible contraindications on dangers in use, review of any applicable manufacturer's product information, and comparison with recommendations of other authorities. The information presented in this activity is not meant to serve as a guideline for patient management.

#### **DISCLOSURE STATEMENT**

CFMC insures balance, independence, objectivity, and scientific rigor in all our educational activities. In accordance with this policy, CFMC identifies conflicts of interest with its instructors, planners, content managers, and other individuals who are in a position to control the content of an activity.

The following faculty, planner and/or content manager reported the following financial relationship with commercial interests whose products or services may be mentioned in this CME activity. All other members of the faculty and planning team have nothing to disclose nor do they have any vested interests or affiliations.

| Name of Individual     | Reported Financial Relationship   |
|------------------------|---|
| W.Z. Bridges           | Grants/Research: Genentech, Regeneron, Alcon, Ophthotech                      |
| RV Paul Chan           | Grants/Research: Novartis Consulting fees: Alcon Surgical                     |
| Michael F. Chiang      | Grants/Research: National Institutes of Health; Research to Prevent Blindness |
| Bradley Fouraker       | Consulting fees: Oasis; OMIC; Alcon   |
| Robert S. Gold         | Consulting fees: OMIC Ownership interest: Pediavision                         |
| J. Jill Hopkins        | Salary: Genentech   |
| Vinit Mahajan          | Ownership interest: IDX, LLC  |
| Michael X. Repka       | Grants/Research: National Eye Institute                                       |
| Stephen G. Schwartz    | Consulting fees: Bausch + Lomb; Santen Speakers' Bureau: ThromboGenics        |
| Jess T. Whitson        | Grants/Research: Alcon Speakers' Bureau: Alcon; Allergan; Sucampo             |
| Robert E. Wiggins, Jr. | Salary: OMIC  |

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### 2014 Clinical Program & Meeting Schedule

### Tuesday, July 22, 2014

| 4:00 - 6:00 p.m.       | Meeting Registration - Meadows Pre-function, 3rd Floor  |
|------------------------|---|
| 6:30 - 8:30 p.m.       | Welcome Reception and Light Dinner (members and families) <i>Meadows Terrace &amp; Pre-function, 3<sup>rd</sup> Floor</i> |
| Wednesday, July 23, 20 | <u>14</u>   |
| 6:45 a.m 9:30 a.m.     | Buffet Breakfast for Members and Families<br>Flame Restaurant, 3 <sup>rd</sup> Floor                                      |
| 7:45 a.m.              | General Session - Big Horn Ballroom, 3rd Floor  |
| 7:45 a.m 8:45 a.m.     | Welcome and Introduction of New Members<br>Ron Pelton, MD, PhD; President; Colorado Springs, CO                           |
|                        | Opening of General Sessions<br>Robert Wiggins, MD, MHA; Program Chair; Asheville, NC                                      |
| 8:45 a.m 10: 45 a.m.   | Scientific Session I - Big Horn Ballroom, 3rd Floor   |
| 8:45 a.m.              | Management of Hemorrhagic AMD<br>(In the Age of Anti-VEGF Therapy)<br><i>William Zachery Bridges, MD; Asheville, NC</i>   |
| 9:00 a.m.              | The Effect of Patient Specific Prescriptions on Selection of Anti-VEGF Agents David Miller, MD; Cleveland, OH             |
| 9:15 a.m.              | Uses of the Word "Macula" in Written English, 1400 - Present Stephen Schwartz, MD; Naples, FL                             |
| 9:30 a.m.              | First Year Experience with Ocriplasmin<br>Joseph Coney, MD; Beachwood, OH   |
| 9:45 a.m.              | Floaters: A Parable<br>Erich Horn, MD, MBA; Oakland, CA   |
| 10:00 a.m.             | Next Generation Retinal Biopsy<br><i>Vinit Mahajan, MD; Iowa City, IA</i>   |
| 10:15 a.m.             | Trabectome for Treatment of Pediatric Glaucoma<br>Bibana Jin Reiser, MD; Los Angeles, CA                                  |
| 10:30 a.m.             | Free for All  |

| 10:45 a.m 11:00 a.m. | Coffee Break - Meadows Pre-function, 3rd Floor   |  |
|----------------------|--|--|
| 11:00 a.m 12:30 p.m. | Scientific Session II - Big Horn Ballroom, 3rd Floor   |  |
| 11:00 a.m.           | What Is IPOSC?<br>Derek Sprunger, MD; Indianapolis, IN   |  |
| 11:15 a.m.           | Organic Development of a World Society<br>David Granet, MD; San Diego, CA  |  |
| 11:30 a.m.           | Web-Based ROP Training and Certification <i>R.V. Paul Chan, MD; New York, NY</i>   |  |
| 11:45 a.m.           | Infant Aphakia Treatment Study - The Results David Plager, MD; Indianapolis, IN  |  |
| 12:00 p.m.           | Get Them While They're Young!<br>Amy Jeffery, MD; McLean, VA   |  |
| 12:15 p.m.           | Surgical Outcomes of Inflammatory Glaucoma:<br>A Comparison of Trabeculectomy and Glaucoma<br>Krishna Kishor, MD; Palm Beach Gardens, FL |  |
| 12:30 p.m.           | Session adjourns for the day   |  |
|                      |  |  |

### <u>Thursday, July 24, 2014</u>

| 6:45 a.m 9:00 a.m.  | <b>Buffet Breakfast for Members and Families</b><br>Flame Restaurant, 3 <sup>rd</sup> Floor  |
|---------------------|--|
| 7:15 a.m 8:15 a.m.  | <b>Special Session</b> - <i>Big Horn Ballroom, 3<sup>rd</sup> Floor</i><br>Tell It To the Judge: Lessons Learned from Malpractice Claims<br><i>Tamara Fountain, MD; Chairperson, OMIC; Deerfield, IL</i> |
| 8:15 a.m 10:45 a.m. | Scientific Session III - Big Horn Ballroom, 3rd Floor  |
| 8:15 a.m.           | Welcome and Announcements  |
| 8:30 a.m.           | Electronic Health Record Systems, Clinical Workflow<br>and Optimization<br><i>Michael Chiang, MD</i> ; <i>Portland, OR</i>   |
| 8:45 a.m.           | The Good, Bad and Ugly of Social Media for Physicians Robert Melendez, MD, MBA; Rio Rancho, NM   |
| 9:00 a.m.           | Global Eye Care Programs<br>P. Lloyd Hildebrand, MD; Oklahoma City, OK   |
| 9:15 a.m.           | A "Hands-On" Approach to Blindness Alleviation in Ethiopia Scott Lawrence, MD; Chapel Hill, NC   |

| 9:30 a.m.                    | Patients First: Translation of the Cleveland Clinic Ethos<br>to Abu Dhabi<br><i>Paul Rychwalski, MD</i> ; <i>Cleveland, OH</i> |
|------------------------------|--|
| 9:45 a.m.                    | Pseudophakic Dysphotopsia<br>Dale Pilkinton, MD; Nashville, TN   |
| 10:00 a.m.                   | Macular Atrophy in Wet AMD Eyes treated with Anti-VEGF J. Jill Hopkins, MD; South San Francisco, CA                            |
| 10:15 a.m.                   | Occam's Razor or Hickam's Dictum?<br>Harold E. Shaw, Jr., MD; Greenville, SC   |
| 10:30 a.m.                   | The 50-Year View: Club History from 1964<br>Robert Gold, MD; Maitland, FL  |
| 10:45 a.m 11:00 a.m.         | Coffee Break - Meadows Pre-function, 3rd Floor   |
| 11:00 a.m 12:00 p.m.         | Scientific Session IV - Big Horn Ballroom, 3rd Floor   |
| 11:00 a.m                    | 26TH ANNUAL ALBERT RUEDEMANN, JR., LECTURE   |
|                              | Long Term Results of Gavaris Ptosis Repair<br>George S. Ellis, Jr., MD, New Orleans, LA  |
| 12:00 p.m.                   | Session adjourns for the day   |
| Afternoon                    | Tennis tournament  |
| 6:30 p.m 9:00 p.m.           | Reception & Banquet – 4 Eagle Ranch  |
| <u>Friday, July 25. 2014</u> |  |
| 6:45 a.m 9:00 p.m.           | <b>Buffet Breakfast for Members and Families</b><br>Flame Restaurant, 3 <sup>rd</sup> Floor                                    |
| 7:45 a.m 10:45 a.m.          | Scientific Session V - Big Horn Ballroom, 3rd Floor  |
| 7:45 a.m.                    | Announcements  |
| 8:00 a.m.                    | Improving Cataract Surgery Outcomes<br>Linda Tsai, MD; St. Louis, MO   |
| 8:15 a.m.                    | A Particularly Perplexing Pigmented Predicament Jeff Maltzman, MD; Tucson, AZ  |
| 8:30 a.m.                    | Glaucoma and Obstructive Sleep Apnea<br>Jess T. Whitson, MD; Dallas, TX  |
| 8:45 a.m.                    | Phaco-Trabeculectomy: Modifications to Improve<br>Surgical Outcomes<br>James C. Tsai, MD; New Haven, CT                        |

| 9:00 a.m.                      | I-Stent, Therefore I-Am<br>Brian Welcome, MD; Greenville, SC   |
|--------------------------------|--|
| 9:15 a.m.                      | Six Months in a Swedish Eye Hospital:<br>Did It Make Me A Socialist?<br><i>Richard C. Allen, MD, PhD; Iowa City, IA</i>  |
| 9:30 a.m.                      | What is a Patient-Centered Specialty Practice, and Does It Make Sense For You?<br><i>Gary Lelli, MD; New York, NY</i>  |
| 9:45 a.m                       | DISCUSSION PANEL Mini-MYF: The Future of Ophthalmology<br>David Epley, MD; Kirkland, WA<br>Bradley Fouraker, MD; Tampa, FL<br>Aaron Weingeist, MD; Seattle, WA<br>George Ellis, Jr., MD; New Orleans, LA |
| 10:45 a.m11:00 a.m.            | Coffee Break - Meadows Pre-function, 3rd Floor   |
| 11:00 a.m 12:00 p.m.           | Scientific Session VI - Big Horn Ballroom, 3rd Floor   |
| 11:00 a.m.                     | <b>11TH ANNUAL AESC FOUNDATION LECTURE</b><br>AESC Foundation Report & Introduction of the Knauer Lecture<br><i>William J. Knauer, III, MD; Foundation Treasurer;</i><br><i>Jacksonville, FL</i>         |
| 11:05 a.m.                     | <b>THE JERRY AND DONNA KNAUER LECTURE</b><br>Introduction by Tamara Fountain, MD   |
|                                | Ophthalmology and Health Care Reform: Status in Mid-2014 <i>Michael Repka, MD, M.B.A.; Baltimore, MD</i>   |
| 12:00 p.m.                     | Session adjourns for the day   |
| Afternoon                      | Whitewater Rafting Trip  |
| <u>Saturday, July 26, 2014</u> |  |
| Morning                        | Golf and "Not Golf" outings  |
| 1:55 p.m 3:30 p.m.             | Scientific Session IV - Big Horn Ballroom, 3rd Floor   |
| 1:55 p.m.                      | Welcome  |
| 2:00 p.m.                      | Collagen Cross-linking<br><i>Michelle Ying, MD; Charleston, SC</i>   |
| 2:15 p.m.                      | Intracameral Antibiotics - Why are We Still Waiting?   |

|                  | Meeting Adjourns See you next year!<br>Grand Hotel on Mackinac Island, Michigan                                   |
|------------------|---|
|                  | Dinner on your own  |
| 6:00 - 7:30 p.m. | Baptismo Emeritus Reception - Four Seasons Pool   |
| 4:15 - 5:15 p.m. | Business Meeting - Big Horn Ballroom, 3rd Floor   |
| 3:45 p.m.        | Ice Cream Social (members and families)<br>Meadows Terrace  |
| 3:30 p.m.        | The Many Faces of Phantom Vision:<br>Charles Bonnet Syndrome (CBS)<br><i>Z. Nicholas Zakov, MD; Cleveland, OH</i> |
| 3:15 p.m.        | "The Eye as Art" - My Efforts in a Great Tradition<br>Adam Reynolds, MD; Eagle, ID                                |
| 3:00 p.m.        | A Novel Technique for Excision of Frontozygomatic<br>Dermoid Cysts<br><i>David Epley, MD; Indianapolis, IN</i>    |
| 2:45 p.m.        | Hedgehog Cleavage, Fruit Fly Sex and Skin Cancer Ron Pelton, MD; Colorado Springs, CO                             |
| 2:30 p.m.        | Unusual Clinical Presentations of Common Orbital and Periorbital Tumors <i>Stephen Klapper, MD; Carmel, IN</i>    |
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# 58<sup>th</sup> ANNUAL MEETING **\*** 2015



# **Grand Hotel** Mackinac Island, Michigan

Tuesday, July 28 – Sunday, August 2, 2015



The primary means of transportation on the island are on foot, bicycle and horse-drawn carriage.

Every year since 1887, Grand Hotel has welcomed countless guests and families to Mackinac Island, where bikes and horse drawn carriages are the favored modes of transportation. As *Travel* + *Leisure's* 500 World's Best Hotels and *Conde Nast Traveler's* Top 5 Midwest Resorts, Grand Hotel offers outstanding accommodations where no two guest rooms are alike. Enjoy spectacular views of the Straits of Mackinac in a rocking chair on the world's longest porch. Mackinac Island is ready to welcome AESC members and their families for a spectacular summer adventure in northern Michigan where Lake Huron and Lake Michigan meet. .

# $A \bullet E \bullet S \bullet C$ American eye study club

Please welcome our new 2013 members, elected at the annual meeting at Atlantis, Bahamas, and at the business meeting in New Orleans.

#### P. Lloyd Hildebrand MD

Dean À. McGee Eye Institute 608 Stanton L. Young Blvd. Oklahoma City, OK 73104 Preferred name: Lloyd Spouse's name: Office phone: 405/271-9025 Office fax: 405/271-9026 Home phone: / Email: lloyd-hildebrand@ouhsc.edu Subspecialty: PRS

#### Erich Horn MD, MBA

East Bay Eye Specialists 491 30th Street Suite 201 Oakland, CA 94609 Preferred name: Erich Spouse's name: Office phone: 510/836-2122 Office fax: / Home phone: / Email: ephorn@gmail.com Subspecialty: GO

#### Krishna S. Kishor MD

**Bascom Palmer Eye Institute** 7101 Fairway Drive Palm Beach Gardens, FL 33418 Preferred name: Spouse's name: Sowmya Office phone: 561/515-1513 Office fax: 561/355-8601 Home phone: 561/691-6818 Email: kkishor@med.miami.edu Subspecialty: GL

#### Gary J. Lelli MD

Weill Cornell Eye Associates1305 York Ave.New York, NY 10021-5663Preferred name:GarySpouse's name:Kelly LelliOffice phone:646/962-3182Office fax:/Home phone:/Email:gjl9003@med.cornell.eduSubspecialty:PRS

#### Jeff S. Maltzman MD

Fishkind, Bakewell & Maltzman Eye Care & Surgery Center 5599 N. Oracle Rd. Tucson, AZ 85704 Preferred name: Jeff Spouse's name: Office phone: 520/293-6740 Office fax: / Home phone: / Email: jsmaltzman@gmail.com Subspecialty: GL

#### Robert F. Melendez MD, MBA

Eye Associates of New Mexico 735 Gray Hawk Dr., NE Rio Rancho, NM 87144 Preferred name: Rob Spouse's name: Lucille Melendez Office phone: 505/892-3434 Office fax: 505/891-2402 Home phone: / Email: robertmelendez@mac.com Subspecialty: GO RF

#### Bibiana Jin Wan Reiser MD, MS

Children's Hospital Los Angeles 4650 Sunset Blvd. Mail Stop 88 Los Angeles, CA 90027 Preferred name: Jin Spouse's name: Edwin Brinkley Shackeroff Office phone: 323/361-5603 Office fax: 323/361-7993 Home phone: 562/433-1180 Email: breiser@doheny.org Subspecialty: CED PO

#### Paul J. Rychwalski MD

Cole Eye Institute/Cleveland Clinic 9500 Euclid Avenue i32 Cleveland, OH 44195 Preferred name: Paul Spouse's name: Ana Rychwalski, MD Office phone: 216/444-4821 Office fax: 216/445-2226 Home phone: / Email: rychwalski@mac.com Subspecialty: PO •

### WHAT IS THE AMERICAN EYE STUDY CLUB?

Established in the late-1950s by young ophthalmologists who would become distinguished figures in ophthalmology (Thomas Hedges, Thomas Kearns, Howard Naquin, Edward Norton, and Albert Ruedemann, Jr.), the American Eye Study Club was created to serve as a forum for young leaders in our profession from diverse academic and geographic backgrounds to openly exchange ideas and discuss new developments in ophthalmology in a scientific and social setting that included spouses and families. Active membership was limited to ten years so that the Club would remain fresh and vibrant and evolve in concert with our profession. However, Emeritus members have contributed to the Club's sense of tradition through continued involvement in the Club's Annual Meetings and gatherings at the American Academy of Ophthalmology.

As subspecialization has become more common in ophthalmology, the American Eye Study Club has remained a setting in which comprehensive ophthalmologists and representatives of numerous subspecialties may share information and ideas that keep all of us abreast of what is happening in our specialty as a whole with a "cross-pollination" of ideas. Just as importantly, this information is shared in an informal environment that engenders a strong sense of camaraderie. Over the years, the Club has evolved with the changes in our profession but has also developed such traditions as the Baptismo Emeritus, "introduced" by Ed Isbey, Jr. at the 10th Annual Meeting at the Coco Palms Resort in Hawaii in 1967.

The American Eye Study Club is composed of up to 60 Active members and more than 100 Emeritus members who have served as state, regional, national, and international leaders in our profession. Many have served as president of the American Academy of Ophthalmology, as a director of the American Board of Ophthalmology and other national organizations. Thirty or more have served as chairs of university departments of ophthalmology. To get a better idea of some of the activities of current AESC members, please see the "Did You Know?" section of the program, as well as the lists of accomplishments.

Without question, our founding members would be proud of the history and course followed by this organization and its members. Whether you are an Emeritus member, established Active member, or new Active member, we are delighted that you are a part of this truly wonderful group, the American Eye Study Club!

### **TEN COMMANDMENTS OF THE AMERICAN EYE STUDY CLUB** (developed by Edward K. Isbey, Jr., MD)

- I Learn from your peers.
- II Do not avoid controversial subjects.
- III Speak your mind and convictions.
- IV Support each other professionally, emotionally and spiritually.
- V Be a participant and not just an observer.
- VI Strive to know all the members Active and Emeriti.
- VII Be a proselyte for the Club; yet be selective.
- VIII Be a volunteer in the workings of the Club.
  - IX Do not be reticent to change.
  - X Be yourself and share yourself with others.

### ALBERT D. RUEDEMANN, JR. LECTURE

The Ruedemann Lecture was established in the late 1980s to honor the memory of Dr. Albert D. Ruedemann, Jr., one of the creators and founding members of the American Eye Study Club. Just as Ed Isbey, Jr. is now, Dr. Ruedemann was the driving force behind the AESC for many years and served as its Secretary-Treasurer for nine years and as its President in 1967 during his last year as an Active member. He was a brilliant and innovative clinician, surgeon, and thinker who practiced in Detroit, Michigan, where his father, also an ophthalmologist, was a Professor at Wayne State University and the first Director of the Kresge Eye Institute. Over the past two decades, many of our profession's leading figures have delivered this lecture in memory of Dr. Ruedemann.

### AESC Albert D. Ruedemann, Jr. Lecturers

| 1987<br>1988 | Philip Knapp<br>Stanley M. Truhlsen    | 2001<br>2002 | Murray A. Johnstone<br>F. Daryel Ellis |
|--------------|--|--------------|--|
| 1989<br>1990 | Edward W. D. Norton<br>Robert B. Welch | 2003<br>2004 | Terry Bergstrom<br>Donald L. Hall      |
| 1990         | Louis J. Girard                        | 2004         | Z. Nicholas Zakov                      |
| 1992         | Thomas R. Hedges, Jr.                  | 2006         | Walter Peterson                        |
| 1993         | Robert J. Brockhurst                   | 2007         | Harold E. Shaw, Jr.                    |
| 1994         | Malcolm A. McCannell                   | 2008         | William Quayle                         |
| 1995         | Eugene M. Helveston                    | 2009         | Postponed                              |
| 1996         | Thomas E. Acers                        | 2010         | Postponed                              |
| 1997         | Morton S. Cox, Jr.                     | 2011         | John G. Clarkson                       |
| 1998         | James C. Newton                        | 2012         | Barrett G. Haik                        |
| 1999         | Edward K. Isbey, Jr.                   | 2013         | Joe R. McFarlane                       |
| 2000         | A. Robert Bellows                      | 2014         | George S. Ellis, Jr.                   |

### **AESC FOUNDATION JERRY & DONNA KNAUER LECTURE**

The American Eye Study Club Foundation was established in 2003 as a charitable trust to support the educational and philanthropic goals of the AESC. An annual lecture was started the following year to highlight the Foundation and to recognize an individual who embodies the principles for which it stands. At the 50<sup>th</sup> AESC annual meeting in 2007, it is fitting that this lecture be named for Jerry and Donna Knauer, a charter member of the AESC and strong supporters of the Foundation.

### **AESC Foundation Lecturers**

- 2004 H. Dunbar Hoskins, Jr., MD
- George Ellis, Jr., MD 2005
- Clay B. Tousey, Jr. 2006
- C.P. "Pat" Wilkinson, MD 2007
- Bruce E. Spivey, MD 2008
- 2009 B. Thomas Hutchinson, MD

2010 Stephen A. Kamenetzky, MD

- 2011 William L. Rich, MD
- Richard L. Abbott, MD 2012
- Thomas A. Weingeist, PhD, MD 2013
- 2014 Michael X. Repka, MD, MBA

### JOHN H. KILLIAN AWARD

In memory of Dr. John H. Killian (entering class of 1985), the Club honors a member of a "graduating class" other than the president who has embodied the spirit and active participation that characterized John's involvement in the American Eye Study Club.

### Recipients of John H. Killian Award

| 1999 | Thomas L. Beardsley | 2005 | J. Brent Bond       |
|------|---------------------|------|---------------------|
| 2000 | Richard P. Wilson   | 2008 | Bradley D. Fouraker |
| 2001 | Arlo C. Terry       | 2009 | Anthony P. Johnson  |
| 2002 | Todd Zwickey        | 2011 | William S. Clifford |
| 2004 | E. Randy Craven     | 2012 | G. Phillip Matthews |



The trustees of the American Eye Study Club Foundation thank the following members have made a donation in the past year (since January 1, 2013). We are especially grateful to those members (listed in **Bold**) who have made a substantial 10-year pledge to qualify for the Edward K. Isbey Jr. HOYA Society at one of the following levels: HOYA - \$1,000/year (+) Life - \$500/year Annual - \$250/year

Allen, Richard C. Baratz, Keith H. Beardsley, Thomas L. Bergstrom, Terry J. + Bernardino, Carlo Roberto Bogie, Charles P., III Brasington, Chadwick R. Bridges, William Zachery, Jr. Brown, Jeremiah, Jr. Brown, Steven V.L. + Campagna, John A. Carlson, Dean W. Chan, R.V. Paul + Chiang, Michael F. Clifford, William S. + Coney, Joseph M. + Crane, William G., Jr. Craven, E. Randy Del Monte, Monte Dhindsa, Hardeep S. DiLoreto, David A. Dingeldein, Steven Doan, Andrew P. Ellis, Forrest James Ellis, George S., Jr. + Epley, K. David + Fante, Robert G. + Fountain, Tamara R. Fouraker, Bradley D. + Franklin, John Gardner, Thomas W. Glew, William Gold, Robert S. + Goldstein, Scott M. Gonzalez, Victor Hugo + Googe, Joseph M., Jr. Haik, Barrett G. + Haynes, William L. Henderer, Jeffrey D. Hildebrand, P. Lloyd Hopkins, J. Jill Huang, John Jiqiang Hutchins, Robert K. Irvine, John A. Isbey, Edward K., III + Isbey, Edward K., Jr. + Jeffery, Amy R. Johns, Karla

Johnson, Anthony P. + Johnston, Randolph L. Kipp, Michael A. Klapper, Stephen R. Knauer, William J., III LaRosa, Frank Lawrence, Scott D. MacIlwaine, William Matthews, G. Philip Mawn, Louise Migliazzo, Carl V. Miller, Aaron Miller, David G. Morse, Christie L. + Moss, Gene T., Jr. Neely, Daniel E. O'Connell, Sara S. Older, J. Justin Pastor, Scott A. Pelton, Ron W. + Quayle, William H. Reynolds, Adam C. Rosenblatt, Mark Irvin Samuelson, Thomas W. Sandall, Gary Schuman, Joel S. Schwartz, A. Catherine Schwartz, Joseph C. + Scoper, Stephen V. Shaw, Harold E., Jr. + Skuta, Gregory L. Sondhi, Naval Stiles, Michael C. Tanji, Troy M. Terry, Arlo C. Topping, Trexler M. Tsai, James C. Tsai, Linda M. Warn, Ann Acers Weingeist, Aaron P. Welch. Robert B. Welcome, Brian A. West, Constance E. Wiggins, Robert E., Jr. Wilson, Matthew W. Ying, Michelle S. Zakov, Z. Nicholas +

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# DID YOU KNOW?

#### Updated Summer 2014

Members of the American Eye Study Club are extremely productive in a variety of activities within ophthalmology. *Did you know that ...* 

- 1. David Plager, Christie Morse, George Ellis, Gene Helveston, Daryel Ellis, and Jack Baker all are past-presidents of the American Association for Pediatric Ophthalmology and Strabismus (AAPOS)? And, David Epley served as Vice President of AAPOS, and will be President in 2012?
- 2. Bob Wiggins is the Secretary-Treasurer of AAPOS?
- 3. Andy Doan serves as the Associate Editor for the AAO O.N.E. network? Both he and Ron Pelton were Medical Scientist Training Program recipients for the MD/PhD program in medical school.
- 4. Six AESC members are past-presidents of the American Orthoptic Council, including George Ellis, Daryel Ellis, Gene Helveston, Monte Del Monte, and Jack Baker?
- 5. George Ellis is past-president of the New Orleans Academy of Ophthalmology and is past-president of the Louisiana/Mississippi Society of Ophthalmology and Otolaryngology? (Sprague Eustis also was president of the Louisiana/Mississippi Society in the early 1990s.) George also served as Louisiana Councillor for the Southern Medical Association and secretary of the Ophthalmology Section for the Southern Medical Association.
- 6. Barrett Haik, AESC president in 1994, was a Featured Speaker/Guest Lecturer at the 2001 ASOPRS (American Society of Ophthalmic Plastic and Reconstructive Surgery) Symposium in New Orleans? His lecture was entitled "Pediatric Orbital Tumors." Barrett is the Hamilton Professor of Ophthalmology and Chair of the Department of Ophthalmology at the University of Tennessee-Memphis.
- 7. David DiLoreto was the executive director of the practice plan at the Louisiana State University Medical Center in New Orleans and now is a top executive at Resurrection Health Care in Chicago?
- 8. Sprague Eustis served as the residency program director at the LSU/Ochsner program in New Orleans? He is also was chair of the AAO's Ophthalmology Monographs Committee.
- 9. Several members of the AESC are past presidents of the Association for University Professors of Ophthalmology (AUPO)? They include Tom Acers, Richard Ruiz and Edward Norton.
- 10. Nick Zakov is Past President of the American Society of Retina Specialist (Vitreous Society) and served as Vice President and President of the American Retina Foundation. He received the "Senior Honor Award" of the ASRS in 2001. Nick was founding President of the American Society of Ocular Trauma and is Past-President of the Cleveland Ophthalmological Society. He is also the co-founder of "Mediterranean Retina", a large international meeting held in Turkey every second year.
- 11. Steve Scoper served on the Board of Directors of the Eye Bank Association of America (EBAA) and is past co-chair of the Accreditation Committee of the EBAA?
- 12. Bill Clifford is a graduate of the United States Air Force Academy and was an F-15 Eagle fighter pilot? Following his fellowship at the Dean A. McGee Eye Institute, he spent a year at the King Khalid Eye Hospital in Saudi Arabia.

- 13. Cliff, along with Steve Brown and Ed Isbey Jr., and Ed Isbey III have chaired the AAO Practicing Ophthalmologists Advisory Committee Education (POACE). Past members of the POACE committee include: Christie Morse, Ron Pelton, and Bob Wiggins.
- 14. Lee Alward is a past recipient of the highly prestigious Rudin Prize from the New York Academy of Medicine? He has also the Vice-Chair of the Department of Ophthalmology at the University of Iowa.
- 15. Lee Alward and Greg Skuta serve on the Editorial Board for the Journal of Glaucoma? Lee also serves on the Editorial Board for the American Journal of Ophthalmology.
- 16. Anne Coleman, Carl Migliazzo, Greg Skuta, Avery Weiss, Keith Carter, Jack Holladay, Christie Morse, David Epley and David Plager have served on the Editorial Board for the AAO's EyeNet Magazine?
- 17. Anne Coleman was chair of the AAO's Interspeciality Education Committee? She is Executive Editor--Glaucoma for the American Journal of Ophthalmology. Also, Anne serves as the Secretary of Quality of Care for the AAO and is the director of the H. Dunbar Hoskins Jr., MD Center for Quality Eye Care. (Note Dunbar Hoskins also is an AESC member!) She also is NEHEP Chair for the National Eye Institute, serves on the board for Helen Keller International and is Vice Chair of Academic Affairs for the Jules Stein Eye Institute at UCLA.
- 18. Sara O'Connell is past-president of the Kansas City Society of Ophthalmology and Otolaryngology?
- 19. Bob Gold is the pediatric ophthalmology/strabismus section editor for Ocular Surgery News? Tony Johnson and Naval Sondhi both serve on the Editorial Board? Bob is also the chair of the Socioeconomic Committee of AAPOS.
- 20. Ann Warn has served as president of the Oklahoma Academy of Ophthalmology? She also has served as president of the Oklahoma State Board of Health.
- 21. The late Edward Norton, one of our founding members, was elected to the Ophthalmology Hall of Fame and was inducted at the June 2002 meeting of ASCRS in Philadelphia?
- 22. Joel Schuman was appointed as the chair of the Program Committee for the American Glaucoma Society and oversaw the March 2003 meeting in San Francisco? Joel also has served as an Associate Editor for the journal Ophthalmic Surgery and Lasers.
- 23. Peter Netland was the Gail S. and Richard D. Siegal Professor of Ophthalmology at the University of Tennessee in Memphis and now is the Department of Ophthalmology chair at the University of Virginia?
- 24. John Irvine from the University of Southern California was named the A. Ray Irvine, Jr. Chair of Clinical Ophthalmology in honor of his father, who was an ophthalmic pathologist and clinician and formerly was the medical director of the Doheny Eye Institute? John's father was also a charter member of the American Eye Study Club. Dr. A. Ray Irvine, Sr., John's grandfather, once served as Estelle Doheny's personal ophthalmologist.
- 25. Martin Wand became a director of the American Board of Ophthalmology in 2003 and Hal Shaw became a director in 2012? They join Pat Wilkinson, Jim Tiedemann, and Greg Skuta as AESC members who have served as ABO directors. Pat Wilkinson became chair of the ABO in 2003.
- 26. Martin Wand served as chair of the AAO Council, finishing his term in 2009?
- 27. Rick Wilson was president of the American Glaucoma Society (AGS) in 2003-2004? Greg Skuta became president in 2005.

- 28. From the years 2000 to 2002, the following AESC members received the American Academy of Ophthalmology's Senior Achievement Award: Monte Del Monte, Rick Wilson, Murray Johnstone, Carl Migliazzo, Jack Baker, and Greg Skuta?
- 29. Gene Helveston and Dick Green received the AAO's Life Achievement Award during the years 2000 to 2002?
- 30. The following AESC members received the AAO's Achievement Award during the years 2000 to 2002: Joe Googe, George Ellis, Tom Gardner, Peter Netland, Tom Samuelson, and Matthew Wilson?
- 31. Tom Hutchinson received an AAO Distinguished Service Award in 2001 for his outstanding contributions to the field of ophthalmology? Tom is currently the Chair of the AAO Foundation and a member of the AAO Board of Trustees.
- 32. Lee Anderson was head of the Texas Medical Board?
- 33. Past AESC members who have served as president of the American Ophthalmological Society include Edward Norton, Thomas Kearns, Robert Welch, Stanley Truhlsen, and Richard Green?
- 34. John Irvine is the Chief of Staff of USC's University Hospital in Los Angeles?
- 35. Jim Tiedeman serves on the Residency Review Committee (RRC) for Ophthalmology?
- 36. Terry Bergstrom is a retired United States Air Force Colonel? He was triple rated as a pilot, navigator/bombadier and flight surgeon. He's also Emeritus Professor in the Department of Ophthalmology at the University of Michigan and is a Lifetime Member of the AMA.
- 37. Bill Clifford's wife, Jean, is an attorney and a Colonel in the United States Air Force Reserve?
- 38. Stan Truhlsen was the 2001 recipient of the Howe Medal from the American Ophthalmological Society for his outstanding achievements in our profession?
- 39. John Buesseler, one of our charter members, in May 2000 was awarded the Designation of Distincion as Emeritus Founding Dean of the Medical School and Emeritus Founding Vice President of the Texas Tech Health Sciences University of the Texas Tech University System? John also received the Statemanship Award in 2005 from JCAHPO as co-founder, incorporator, past-president, past-director and past-commissioner. Also in 2005, he was awarded a Doctor of Humane Letters (Honoris Causa) by the Board of Regents of the Texas Tech University System, nominated by Rawls College of Business Administration, Texas Tech University.
- 40. Louis Girard, another of our charter members, was Professor and Chair of the Department of Ophthalmology at Baylor College of Medicine in Houston from 1957 to 1970? Dr. Girard helped establish what is now the Cullen Eye Institute and has played a key role in introducing numerous scientific and surgical advances in our profession.
- 41. John Irvine served on the AAO Annual Meeting Program Committee?
- 42. Jack Holladay and Roger Steinert serve on the Editorial Board for the Journal of Cataract and Refractive Surgery? Roger is also on the Editorial Board for Ophthalmology.
- 43. Pat Wilkinson was the 2007 President of the American Academy of Ophthalmology and also served as the Book Review Editor for the journal Retina?
- 44. Tom Gardner is an Executive Editor for Current Eye Research, and Joel Schuman serves on its Editorial Board?

- 45. Gary Foulks was awarded the 2005 Castroviejo Medal by the Cornea Society, and he delivered the Castroviejo Lecture at the AAO meeting the same year? He also delivered the Claes H. Dohlman MD Lecture in 2009. Gary is editor-in-chief of the journal, The Ocular Surface. He is a past president of the Contact Lens Association of Ophthalmologists (CLAO) and also has completed a six-year term as chairman of the Board of Trustees of the CLAO Education and Research Foundation.Gary will be Executive Secretary General of the International Medical Contact Lens Council until 2012.
- 46. Randy Johnston served two terms as the AAO's Senior Secretary for Advocacy, a Board of Trustees position and was the 2010 AAO President? Randy formerly served as chair of the AAO's highly effective OPHTHPAC Committee and was on the AAO State Affairs Committee.
- 47. Monte Del Monte was the 32nd Richard G. Scobee Lecturer at the American Association of Certified Orthoptists Annual Meeting in New Orleans in November 2001?
- 48. Ed Isbey, Jr., Pat Wilkinson, Christie Morse, Tamara Fountain, Anne Coleman, Barrett Haik and Keith Carter have served as Trustees-at-Large for the American Academy of Ophthalmology?
- 49. Jack Baker delivered the Marshall M. Parks Lecture at the AAO Annual Meeting in October 2000? His presentation was entitled "The Correction of Adult Strabismus: A Value for Patients."
- 50. Monte Del Monte is the Skillman Professor of Pediatric Ophthalmology at the University of Michigan? This was the first endowed chair in pediatric ophthalmology in the world. Monte is also the former section chair of the Pediatric Ophthalmology and Strabismus volume of the AAO's Basic and Clinical Science Course; a past member of the Editorial Board for the journals Archives of Ophthalmology and Ophthalmic Pediatrics and Genetics; and a former member of the Board of Directors of the American Association for Pediatric Ophthalmology and Strabismus.
- 51. Jerry Knauer, Bob Wiggins, Bob Gold, Tamara Fountain, Ron Pelton and Andy Doan serve on the Board of Directors of the Ophthalmic Mutual Insurance Company (OMIC)? Tom Hutchinson and Randy Craven also have served as directors, and Joe McFarlane became chairman of the OMIC board in 2005.
- 52. Barrett Haik's sister, Suzanne Haik Terrell, was a candidate for the U.S. Senate from Louisiana in the 2002 General Election?
- 53. Tamara Fountain serves as Secretary for Member Services of the Academy.
- 54. Keith Carter was named to be chairman of the Department of Ophthalmology at the University of Iowa beginning January 1, 2006?
- 55. Cindie Mattox serves on the AAO Health Policy Committee and is chair of the Glaucoma Subcommittee of the AAO Annual Meeting Program Committee (AMPC)? She took over the latter role from Carl Migliazzo in 2005 who had been involved in the AMPC for 17 years!
- 56. Greg Skuta was the AAO's Senior Secretary for Clinical Education, a board of trustees position. He served as Academy president in 2014.
- 57. Having completed a SEE International clinic in Peru, John Millin has done cataract surgery on every continent except Antarctica? He now is looking for a visually impaired penguin!
- 58. Christie Morse in 2005 was named vice chair of the AAO's Ethics Committee and now serves as chair? Ron Pelton and Keith Carter both serve with her on the Committee.
- 59. Ron Pelton was a Fulbright Scholar to Austria and is currently President of the Colorado Society of Eye Physicians & Surgeons?

- 60. Joel Schuman was named as a recipient of the 2006 ARVO/Pfizer Ophthalmics Translational Research Award?
- 61. Joe McFarlane is the Hogan Distinguished Professor of Comprehensive Ophthalmology and Ethics at the University of Texas Health Science Center in San Antonio, the nation's first endowed ethics professorship in ophthalmology?
- 62. Mark Levine and Jay Older are past presidents of the American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS)? Both have given the Wendell Hughes Memorial Lecture.
- 63. Steven V.L. Brown has hiked Africa's Mount Kilimanjaro? He also received the AAO's Senior Honor Award in 2006, as well as the Secretariat Award. He finished a 10-year stint on the Academy's Focal Points Committee the same year and ended his chairmanship of the POACE Committee.
- 64. Carmen Puliafito was named in 2007 Dean of the Keck School of Medicine at the University of Southern California in Los Angeles?
- 65. David Granet won an Emmy in 2008? The award was in the Health/Science Program category for "Health Matters: MS Doesn't Have me." David is the host of the show which is produced by the University of California-San Diego.
- 66. Karla Johns is executive editor, "Eye Care Skills Presentation for Physicians & Other Health Care Personnel," American Academy of Ophthalmology (2009)?
- 67. Brad Fouraker was elected president of the Florida Society of Ophthalmology? He took office in July 2009.
- 68. Dan Neely was named in 2010 to head up the AAPOS Vision Screening Committee? He also is a past president of the Indianapolis Ophthalmological Society, and is a 2012 member of the AAO Leadership Development Program.
- 69. Rob Fante was appointed in 2010 to be program director for the ASOPRS Fall and Spring Symposia for three years? He also is chair of the Written Qualifying Examination for ASOPRS.
- 70. Gary Foulks completed in 2010 two years of service as Chairman of the Board of Directors of the Sjogren's Syndrome Foundation of which he has been a member for 10 years?
- 71. David Granet co-founded the World Congress for Pediatric Ophthalmology and Strabismus held in Barcelona during 2009? There were 1,000 attendees from 90 countries. The next meeting was 2012 in Milan. David will chaired the Section of Ophthalmology for the American Academy of Pediatrics in 2012.
- 72. David Miller is past president of the Cleveland Ophthalmological Society?
- 73. Forrest J. (Jim) Ellis served on the editorial board of the Journal of the American Association for Pediatric Ophthalmology and Strabismus (JAAPOS)?
- 74. Following in the footsteps of AESC members Gene Helveston, Daryll Ellis and David Plager, Dan Neely was promoted to Full Professor at Indiana University School of Medicine? Another fabulous pediatric ophthalmologist!
- 75. Ron Pelton was featured on three episodes of the Discovery Health Channel and recently received the Achievement Award from the AAO.
- 76. Derek Sprunger is the Past President and Councilor for the Indiana Academy of Ophthalmology, a member of the AAO State Affairs, chair of the Public Information Committee of AAPOS, and a past member of the AAO Leadership Development Program. He also received the AAO's Senior Honor Award.

- 77. Aaron Weingeist and David Epley served as President of the Washington Academy of Eye Physicians and Surgeons? Both Aaron and David are graduates of the AAO's Leadership Development Program.
- 78. David Plager is the Ophthalmologist for the Indianapolis Colts and sports a Super Bowl ring?
- 79. The following AESC members have participated in the AAO's Leadership Development Program? Charlie Bogie (2006), William Z. (Zach) Bridges (2002), Keith Carter (2003), Bill Clifford (1999), Joe Coney (2008), Andy Doan (2011), David Epley (2005), Tamara Fountain (1999), Christie Morse (2003), Dan Neely (2012), Ron Pelton (2009), David Plager (2008), Derek Sprunger (2003), Jim Tsai (2001), Linda Tsai (2009)Ann Warn (2001), and Aaron Weingeist (2002).
- 80. Joel Schuman and Carmen Puliafito won the Champalimaud Award in 2012. The award is given alternately between contributions to overall vision research (even numbered years) and contributions to the alleviation of visual problems, primarily in developing countries (odd numbered years).
- 81. Barrett Haik served on the American College of Surgeons Board of Regents from 2004 2014. he also served for four years (2003-2007) on the National Advisory Eye Council.
- 82. Terry Bergstrom has received three academic honors from the University of Michigan Medical School: The Terry J. Bergstrom Collegiate Professorship for Resident Education; election to the League of Educational Excellence; and selection as the recipient of the Lifetime Achievement Award in Medical Education.
- 83. Cynthia Mattox received a 2014 Outstanding Advocate Award from the American Academy of Ophthalmology. She was nominated by the American Glaucoma Society and Women in Ophthalmology.

Do you know something about Club members' honors, awards, and activities that are not listed here? If so, please share them with Rich Paul or one of the officers so that they can be announced in the future.

## AMERICAN EYE STUDY CLUB PAST PRESIDENTS AND MEETING SITES

| 2014               | Four Seasons Resort            | 1993    |
|--------------------|--------------------------------|---------|
| Ron W. Pelton      | Vail, Colorado                 | Williar |
| 2013               | Atlantis Resort                | 1992    |
| Joseph C. Schwartz | Paradise Island, Bahamas       | Hal Ba  |
| 2012               | Grand Del Mar Resort           | 1991    |
| William L. Haynes  | San Diego, California          | Terry   |
| 2011               | Pinehurst Resort               | 1990    |
| Christie Morse     | Pinehurst, North Carolina      | Forres  |
| 2010               | Nemacolin Woodland Resort      | 1989    |
| Robert S. Gold     | Farmington, Pennsylvania       | Williar |
| 2009               | The Broadmoor                  | 1988    |
| John A. Irvine     | Colorado Springs, Colorado     | Rober   |
| 2008               | Ojai Valley Inn & Spa          | 1987    |
| Sara O'Connell     | Ojai, California               | Rober   |
| 2007               | Ritz Carlton Bachelor Gulch    | 1986    |
| Dale Pilkinton     | Beaver Creek, Colorado         | Williar |
| 2006               | Wentworth by the Sea           | 1985    |
| Keith Carter       | New Castle, New Hampshire      | Carl F  |
| 2005               | Hyatt Regency Tamaya           | 1984    |
| David Plager       | Santa Ana Pueblo, New Mexico   | John I  |
| 2004               | Fairmont Banff Springs Hotel   | 1983    |
| Steve Scoper       | Banff, Alberta, Canada         | Fronci  |
| 2003               | Westin Rio Mar Beach Resort    | 1982    |
| Jerry Knauer, III  | Rio Grande, Puerto Rico        | Richa   |
| 2002               | Stein Eriksen Lodge            | 1981    |
| Greg Skuta         | Park City, Utah                | Craig   |
| 2001               | The American Club              | 1980    |
| Edward Isbey, III  | Kohler, Wisconsin              | Williar |
| 2000               | Mauna Lani Bay Hotel           | 1979    |
| James Richard      | Kohala Coast, Island of Hawaii | Richa   |
| 1999               | Resort at Squaw Creek          | 1978    |
| Steven Brown       | Lake Tahoe, California         | Frank   |
| 1998               | Big Sky Resort                 | 1977    |
| Carl Migliazzo     | Big Sky, Montana               | James   |
| 1997               | Melia del Cabo                 | 1976    |
| George Ellis       | San Jose del Cabo, Mexico      | Walter  |

Grove Park Inn Asheville, North Carolina

Sun Valley Resort

Sun Valley, Idaho

LaQuinta Resort

Palm Springs, California

1995 Paul Wright

1994 Barrett Haik

1996

Hal Shaw

93 illiam Quayle

92 al Balyeat

91 erry Bergstrom

90 orrest D. Ellis

89 illiam Sullivan

88 obert Stewart

87 obert Reichers

986 illiam Layden

85 arl Fetkenhour

984 hn Espy

83 oncie Gutman

82 chard O'Grady

81 aig George

illiam Cooper 79

chard Ruiz 78

ank Hoefle 77

mes Newton

976 Walter Peterson

1975 Edward Isbey, Jr

1974 Graham Dobbie

1973 Richard Weaver Coeur d' Alene Resort Coeur d' Alene, Idaho

Registry Resort Naples, Florida

Sun Valley Resort Sun Valley, Idaho

Mauna Lani Bay Hotel Kohala Coast, Ísland of Hawaii

Casa de Capo Dominican Republic

Sheraton Tucson El Conquistador Tucson, Arizona

Longboat Key Club Longboat Key, Florida

Hotel Del Coronado San Diego, California

Dorado Beach Hotel Dorado Beach, Puerto Rico

Arizona Biltmore Phoenix, Arizona

Boca Raton Hotel and Club Boca Raton, Florida

Kapalau Bay Hotel Maui, Hawaii

Marco Island Beach Hotel Marco Island, Florida

Palm Springs, California

Atalaya Park Hotel Marbella, Spain

Mauna Kea Hotel Kamulea, Hawaii

Buccaneer Hotel St. Croix, Virgin Islands

Carefree Inn Phoenix, Arizona

Innisbrook, Florida

Mauna Kea Hotel Kamulea, Hawaii

Madiera Hotel Funchai, Madiera, Portugal

| 1972                   | Cerromar Beach Hotel                | 1964             | Grand Bahamas Hotel        |
|------------------------|-------------------------------------|------------------|----------------------------|
| Herbert Pang           | San Juan, Puerto Rico               | Thomas Kearns    | Grand Bahama Island        |
| 1971                   | Mauna Kea Hotel                     | 1963             | Mountain Shadows           |
| Taylor Asbury          | Kamulea, Hawaii                     | Stanley Truhlsen | Scottsdale, Arizona        |
| 1970                   | Breakers Hotel                      | 1962             | Ponte Vedra Inn            |
| Harold Beasley         | Palm Beach, Florida                 | James Frey       | Jacksonville, Florida      |
| 1969                   | Canyon Hotel                        | 1961             | Indian Wells Hotel         |
| Jerry Knauer, Jr.      | Palm Springs, California            | Louis Girard     | Palm Springs, California   |
| 1968                   | Palacio Hotel                       | 1960             | Emerald Beach Hotel        |
| David Brown            | Estoril, Portugal                   | Edward Norton    | The Bahamas                |
| 1967                   | Coco Palms Resort                   | 1959             | Broadmoor Hotel            |
| Albert Ruedemann, Jr.  | Kauai, Hawaii                       | Howard Naquin    | Colorado Springs, Colorado |
| 1966                   | Lucayan Beach Hotel                 | 1958             | Casa Marina                |
| Walter Benedict        | Grand Bahama Island                 | First Meeting    | Key West, Florida          |
| 1965<br>Bayard Colyear | Mexico City and<br>Acapulco, Mexico |                  |                            |
|                        |                                     |                  |                            |

## AMERICAN EYE STUDY CLUB MEMBERS

### **AESC Founding Members**

1956 - Thomas R. Hedges, Jr. \* Thomas P. Kearns \* Howard A. Naquin \* Edward W.D. Norton \* Albert D. Ruedemann, Jr.\*

## **AESC Charter Members**

1957 Gustav Bahn \* Walter H. Benedict \* Franklyn B. Bosquet John Á. Buesseler William G. Everett William Frayer James L. Frey Louis J. Girard 1 A. Ray Irvine, Jr.+ William Knauer, Jr.+ Philip Knapp Daniel W. Mathies Gardner N. Moulton Winston Roberts **Richard Troutman** Stanley M. Truhlsen

## By Year of Election

1958 James Bolger \* Robert Brockhurst \* James P. Calkins Bayard Colyear \* Walter T. Dardis James Duke David D. Donaldson H. Carlton Howard Thomas Kerns Lawrence Lassiter \* Robert C. Maher \* Malcolm A. McCannel Sean Murphy Gaylord W. Ójers Daniel A. Russell, Jr. \* Robert A. Schimek James H. Scruggs \* Charles Tillett Paul C. Wetzig \* Paul Wolfe Robert Zoller

1959 Al Alter Harold Beasley <sup>+</sup> Benjamin Boyd Shepard Dunn Woods Lyda <sup>+</sup> David Freeman David Shoch Brad Straatsma

1960 Taylor Asbury Goodwin Brienen Robert Burns J. Lawton Smith Robert Trotter

- 1961 Kenneth A. Grow <sup>+</sup> John Harris Herbert C. Pang <sup>+</sup>
- 1962 David V.L. Brown \* Robert Ellsworth \* Robert Tour Richard G. Weaver, Jr.
- 1963 Brian J. Curtin J. Graham Dobbie <sup>+</sup> J. Wallace McMeel James Miller
- 1964 Keith Edwards Edward K. Isbey, Jr. John R. Lynn Reese Patterson C. Richard Shannon \*
- 1965 William P. Burns Walter Petersen Whitney G. Sampson \* J. Theodore Schwartz \* William Spencer
- 1966 No new members
- 1967 Ronald Carr Thomas F. Carey J. Donald M. Gass William B. Glew Francis L'Esperance Neal Jepson Roger Nault <sup>+</sup> James C. Newton <sup>+</sup> Brooks J. Poley <sup>+</sup> Kenneth Richardson George L. Spaeth Robert B. Welch
- 1968 Nathaniel Bronson, II David Paton Richard Ruiz\* Thomas Stratford
- 1969 William C. Cooper \* Frank B. Hoefle Charles R. Leone, Jr. Rufus Roberts, Jr.\* Teo Smith Thomas Walsh
- 1970 Fritz Fraunrelter Craig W. George Eugene M. Helveston John Hetherington John W. Pemberton Ron Pinkerton Dennis Robertson\* Abbot G. Spaulding
- 1971 Thomas E. Acers \* W. Banks Anderson Blaine S. Boyden\* Richard O'Grady \* Gerald G. Pierce \*

- 1972 Morton S. Cox, Jr. \* Froncie Gutman George Hall \* H. Dunbar Hoskins, Jr. B. Thomas Hutchinson Richard J. Simmons William J. Slack
- 1973 John W. Espy Carl Fetkenhour\* William Richard Green\* Charles Russo
- 1974 D. Jackson Coleman Shepard N. Dunn Dan Jones D. Richard Reynolds Rees Sheppard
- 1975 Thomas M. Aaberg William A. James William E. Layden
- 1976 Murray A. Johnstone Maurice B. Landers, III\* Donald P. LeWin Joe McFarlane, Jr. Robert Reichers <sup>+</sup> C.P. Wilkinson Brian R. Younge
- 1977 Richard G. Lennon\* Clyde Olson Gary S. Sandall Robert H. Stewart \* George Waring, III
- 1978 Allan Kreiger Clinton McCord Ronald S. Pruett Riley C. Sibley\* William R. Sullivan
- 1979 Forrest D. Ellis David M. Hunter Jeffrey D. Lanier Jay Justin Older
- 1980 Terry Bergstrom Travis Meredith Guillermo Pico, Jr.
- 1981 Hal D. Balyeat \* Stanley Chang Richard L. Dallow Roger H.S. Langston Charles McMahon\* Edward R. O'Malley \* Frederick J. Reeser J. James Rowsey Paul C. Salmonsen Z. Nicholas Zakov
- 1982 W. Sanderson Grizzard \* Donald Hall William Quayle

- 1983 Thomas J. Hauch Barrett G. Haik Mark R. Levine Patrick Murphy Jack O. Sipperley B. Dobli Srinivasan Martin Wand
- 1984 John Baker A. Robert Bellows John C. Hoskins Richard C. Kimbrough Paul L. Wright
- 1985 Gary Foulks John H. Killian <sup>+</sup> James H. Landers Harold E. Shaw
- 1986 C. Davis Belcher, III \* Daniel S. Durrie\* George S. Ellis, Jr. Jack Holladay Roger F. Steinert John Van Gemert
- 1987 Lee S. Anderson\* Monte A. Del Monte Harry Engel Carl Migliazzo Trexler M. Topping Avery Weiss
- 1988 Thomas Beardsley Steven V.L. Brown H. Sprague Eustis Thomas Gardner William MacIllwaine
- 1989 James S. Tiedeman Richard P. Wilson James M. Richard
- 1990 Jeffrey Arnoult Joseph Googe, Jr. Edward K. Isbey, III Arlo C. Terry Michael T. Trese\* Paul J. Wasson
- 1991 John Goosey\* Gregory L. Skuta Todd Zwickey
- 1992 W. Jerry Knauer, III Carmen Puliafito
- 1993 Antonio Capone, Jr.\* E. Randy Craven Gregory Kosmorsky\* Craig McKeown Steve Rose\* Stephen V. Scoper
- 1994 J. Brent Bond David A. Plager Kenneth Sharpe\*

- 1995 Keith D. Carter Peter A. Netland Scott A. Pastor John Roarty\* Jack Zillis\*
- 1996 Brian Carey\* Gregory Carroll\* Frank Murchison Dale Pilkinton David Quillen\* Thomas Samuelson
- 1997 Edward Buckley\* Steve Dingeldein Bradley Fouraker Thomas Flynn Robert K. Hutchins Randolph Johnston Sara O'Connell James Randell\* David Robinson Joel S. Schuman Ann Acers Warn
- 1998 Cynthia Hampton\* Jonathan Hoenig\* John Irvine Anthony Johnson Mark Phelan\* Patrick Rubsamen\* Ruthanne Simmons \* Thomas Steinemann
- 1999 David DiLoreto Robert Gold Cynthia Mattox Philip Roholt\*
- 2000 Keith H. Baratz John A. Campagna William S. Clifford Jeffrey S. Heier\* Karla J. Johns Howard J. Loff\* Christie L. Morse A. Catherine Schwartz Michael C. Stiles
- 2001 Wallace L.M. Alward\* Anne L. Coleman William L. Haynes Jeffrey D. Henderer G. Philip Matthews John R. Moran\* Matthew W. Wilson
- 2002 Mark A. Alford\* Karl C. Golnik\* John Millin\* Joseph C. Schwartz Walter Smithwick, IV Troy M. Tanji Constance E. West David F. Williams\*

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