

# Thur May 1

## Event Schedule & Course Descriptions

**7:00 a.m. - 5:30 p.m.**

**Registration**

*Sandstone Coat Check*

**8:00 a.m. - 9:40 a.m.**

**“Thyroid Eye Disease—What Every Optometrist Needs To Know”**

Greg Caldwell, O.D.

*2 hours WI SD - COPE #: 92712-SD (Pending)*

*Wilderness Ballroom*

This course unravels and illustrates the close association between the eye and thyroid dysfunction. Clinical features, laboratory testing, clinical examination, and therapeutic options will be reviewed. The ocular manifestations and management of this condition will be discussed. Nutrients that play various roles in proper thyroid function and cellular sensitivity will be reviewed and discussed.

**9:40 a.m. - 10:30 a.m.**

**Exhibit Hall Break**

*Sandstone 1 2 4 5 6 7*

**10:30 a.m. - 12:10 p.m.**

**“Glaucoma Update: Enough Pearls To Make a Necklace”**

Greg Caldwell, O.D.

*2 hours WI GL - COPE#: 95833-GL (Pending)*

*Wilderness Ballroom*

This course delivers a comprehensive update on glaucoma, offering practical insights for its diagnosis, management, and treatment. Topics include risk factors, the impact of pharmaceutical agents, target intraocular pressure (IOP), advancements in surgical techniques, interpretation of diagnostic tests, and essential therapeutic objectives. Special emphasis will be placed on clinical pearls tailored for primary care optometrists and strategies to navigate common challenges. Case presentations will serve as the foundation of this course, providing an engaging and hands-on learning experience.

**12:10 p.m. - 1:20 p.m.**

**Lunch**

*Sandstone 3 8*

**1:20 p.m. - 3:00 p.m.**

**“The Non-Healing Cornea: Neurotrophic Keratitis”**

Greg Caldwell, O.D.

*1 hour WI TD- COPE#: 95639-TD (Pending)*

*Wilderness Ballroom*

Neurotrophic keratitis is an advanced, often-overlooked corneal disease that requires timely recognition and management. This course will equip participants with the knowledge and skills to identify, diagnose, and effectively treat neurotrophic keratitis. The use of a biologic agent will be explored as a primary treatment option, along with a discussion on amniotic membrane as an alternative or complementary therapy. Real-world case studies will be presented to illustrate best practices and strategies for improving patient outcomes.

**-AND-**

**“Treatment of Pain: Opioid Choices and Considerations”**

Greg Caldwell, O.D.

*1 hour WI PH COPE#: 94468-PH (Pending)*

*Wilderness Ballroom*



This course will emphasize opioid medications in terms of risk versus benefit, with attention to pain levels and the potential for addiction. The course will describe how to appropriately choose a pain medication based upon individual patient and drug factors. Case anecdotes will include management of ocular pain, with specific emphasis on oral/systemic medications and how to protect both patient and practitioner.

**3:00 p.m. - 3:45 p.m.**

**Exhibit Hall Break**

*Sandstone 1 2 4 5 6 7*

**3:45 p.m. - 5:25 p.m.**

**“Complications of Pharmaceuticals Every Optometrist Should Know”**

Greg Caldwell, O.D.

*2 hours WI PH - COPE #: 94508-PH (Pending)*

*Wilderness Ballroom*

Optometrists use topical and oral (systemic) pharmaceuticals for the treatment of a variety of ocular conditions in patient care. Comparably, systemic medicines are used to treat numerous conditions by various practitioners in the healthcare system. These treatments or pharmaceutical agents have the potential to produce ocular adverse side effects and systemic complications. This course will discuss the complications and adverse events that every optometrist should know. This presentation will immediately aid in everyday patient care.

**5:25 p.m.—7:00 p.m.**

**Exhibit Hall Open House**

*Sandstone 1 2 4 5 6 7*

# Fri May 2

## Event Schedule & Course Descriptions

7:00 a.m. - 2:00 p.m.

### Registration

*Sandstone Coat Check*

8:00 a.m. - 9:40 p.m.

### “Neuroimaging 101: MRI”

Christopher Borgman, O.D.

*1 hour WI NO - COPE #: 94323-NO (Pending)*

*Wilderness Ballroom*

This course will review and discuss the basic physics, theory, clinical application, and the most common uses of magnetic resonance imaging (MRI) for the everyday, practicing optometrist. This course is intended to be an introductory course to MRI neuroimaging for optometrists who are wanting to get more comfortable ordering, reviewing/reading their own patients' MRI scans. The presenter's approach to MRI interpretation along with several real case examples are included to apply learned concepts.

-AND-

### “Acute Vertical Diplopia: Neuro-Optometric Approach”

Christopher Borgman, O.D.

*1 hour WI NO- COPE#: 93213-NO (Pending)*

*Wilderness Ballroom*

This course highlights the differential diagnoses for acute onset vertical diplopia and how to accurately diagnose these conditions in a timely manner. A review of my favorite approach to these cases will be discussed.

9:40 a.m. - 10:40 a.m.

### Exhibit Hall Break

*Sandstone 1 2 4 5 6 7*

10:40 a.m. - 12:20 p.m.

### “Round 1: Neuro, Optic Nerve, and Orbit Brainteaser Cases”

Christopher Borgman, O.D.

*2 hours WI NO - COPE #: 91424-NO (Pending)*

*Wilderness Ballroom*

This course will highlight 9 neuro-optometry cases that the author has managed to increase his knowledge in the neuro-optometry realm of eye care. This course will review the pathology and management of these cases.

12:20 p.m. – 1:30 p.m.

### Lunch

*Sandstone 3 8*

1:30 p.m. - 3:10 p.m.

### “Retina Brainteaser Cases”

Christopher Borgman, O.D.

*2 hours WI SD - COPE #: 92086-SD (Pending)*

*Wilderness Ballroom*

This course will review and discuss the pathology behind approximately a dozen retinal pathology cases that are not seen in optometry every day. An approach to review and use our knowledge of ocular anatomy, physiology, and pathology will be reviewed to best manage these types of patients that may not present every day. New and old thoughts in the management and treatment of retinal pathology cases will also be reviewed. Additionally, pitfalls in the diagnosis of these conditions will be discussed.

## IMPORTANT!

# IT'S THE SECOND YEAR OF THE BIENNIUM!



Reminder, the Optometry Examining Board has reinstated the 1-hour CE requirement on prescribing controlled substances for doctors with a current DEA license. This education must be completed by your license renewal deadline this December.

For full details on CE requirements, scan the QR code above to visit the [WOA website](http://www.woa.org).

**License renewals due 12/14/25.**