**OANJ Fall Virtual Conference 2023**

**Navigating Lens Centration Charts and Compensation –**Michael Gatti, ABO, NCLE, and Kelly Rosemann, ABOC

Unlock the secrets of opticianry as we dive deep into the world of lens centration charts, and lens compensation, equipping yourself with the knowledge and skills to excel in the optical industry. In this course, you will gain a profound understanding of how to use lens centration charts to measure and verify lenses with pinpoint accuracy, and why lens compensation is critical to your Dr’s reputation.

**How We Visualize our Reality -**Michael Gatti, ABO, NCLE, and Kelly Rosemann, ABOC

In this course we will discuss how light is both a wave and a particle. We will recall how the visual system works and how light provides sight. We will explore popular optical illusions to demonstrate how we see with our brains, not with our eyes.

**Light Adaptation: Photopic, Mesopic and Scotopic Vision -**Deborah Kotob, ABOM

In this course, we explore the effect of photopic, mesopic and scotopic vision on our ability to see in varying light condition. You will learn how our retinal physiology adapts to varying light levels; daylight, twilight and nighttime conditions. And, you will learn how specific wavelength ranges of light set our circadian clock. And you will learn how the parasympathetic nervous system controls of pupil accommodation, lens accommodation, and convergence.

**Visual Perception – From Photon to Neuron –**Deborah Kotob, ABOM

This course follows a photons journey from the sun to our eyes and finally our brain. We will learn how light the eye and the brain work synergistically to enable us to perceive the world around us visually.

You will see how a photon is born and how images are formed by our visual system. Color vision will be explored, along with principles on how the brain organizes and interprets information from light.

Interesting optical effects and illusions will be demonstrated. Participants also will also learn the deleterious effect of excess actinic light exposure to the eye and surrounding skin; both UV and HEV.

**The New Crizal Sapphire HR – The best antireflective coating overall –**Judy Boyer Lew, LDO, ABO-C

This course will outline the new Crizal Sapphire HR released on October 4, 2022.  Additionally, it will cover changes recently made to other products in the Crizal portfolio including Crizal Easy and Crizal Easy Pro.  By the end of the course, you will understand the need for anti-reflective coating on lenses.  Additionally, you will understand the technology included in anti-reflective coatings and the testing done within research and development to ensure that Crizal Sapphire HR is the best anti-reflective coating overall.  Finally, you will be able to differentiate between the Crizal products and have a good understanding of which product meets your patients' needs.

**Welcoming Patients to Presbyopia -**Paige Shoven, Med, BBA, ABOC

The average age for a progressive lens wearer is around early to mid 50’s. However, patients tend to experience presbyopia in their early 40’s. In this training you’ll learn how to approach newly presbyopic patients, navigate their misconceptions and guide them towards the best visual solution, progressive lenses.

**Cost: $51 members, $89 nonmembers**