

**Contact Lens Courses**

**Anterior Segment Disease: Problems Faced by the Contact Lens Patient**  
*Presented by Michael Stewart*  
This course will discuss commonly encountered pathologic conditions of the anterior segment that are particularly relevant to contact lens patients. Several clinical scenarios that detail disease presentation and management will be discussed.

**But Wait, There is More! - Contact Lens Case Study Presentations**  
*Presented by Jane Beeman, Jason Jedlicka, Buddy Russell, Mark Soper, and Randy Teller*  
This course will cover 5 contact lens cases, each with an interesting twist, and discusses how the case was managed in light of the unforeseen complicating factor.

**Contact Lens Insertion and Removal Course**  
*Presented by Rachel Behdadnia*  
This is a hands-on workshop. Tips and pearls on I & R will be reviewed. This workshop teaches participants different techniques on insertion and removal of all contact lens types. Everyone attending will have the opportunity to insert and remove lenses. This workshop will help to educate someone new to the field. Also experienced fitters will benefit from working through any issue by getting a second opinion, fine-tuning the skills you already possess teaching your patients this important skill. This workshop will build confidence on handling specialty contact lenses such as hybrid and scleral. At the conclusion of this presentation, the participant should be able insert and remove soft, rigid gas permeable, hybrid and scleral contact lenses.

**Corneal Assessment: Diopters, E Values and More**  
*Presented by Bill Underwood*  
Corneal assessment and measurements are needed to plan refractive surgery, fit contact lenses and detect pathology. This course will review the progression of devices and methods used to measure and assess the cornea. Instrument operation and interpretation of findings will be presented.

**Dry Eye Symposium**  
*Presented by Melissa Barnett, Lynn Lawrence, and Randy Teller*  
Dry eye is a commonly under diagnosed condition, however it is often the reason why patients visit their Eye Care Practitioner. This course offers a comprehensive overview of dry eye disease. The diagnosis and treatment of dry eye is illustrated with patient cases.

**Focus on Keratoconus**  
*Presented by Mark Soper*  
This didactic course utilizing digital projection will review the physiological findings associated with Keratoconus and the historical methods used for visual restoration with contact lenses. Past and current modalities of correction will be discussed with emphasis on the art and science of designing corneal lenses for the visual correction of keratoconus. The objective of this course is to offer the participant a
systematic approach to the fitting of Keratoconus with corneal contact lenses, describe the history of Keratoconus and contact lenses and to offer guidance for managing such cases.

**How to Enhance MF Success**  
*Presented by Melissa Barnett*  
Today’s wide array of multifocal contact lens options offer much promise for Presbyopic contact lens wear. This course teaches a methodical approach to match various lens designs along with ocular characteristics to enhance multifocal contact lenses success.

**How Would You Handle This Scleral Lens Scenario?**  
*Presented by Melissa Barnett, Jason Jedlicka, Buddy Russell, Mark Soper, and Randy Teller*  
Although early generations of scleral contact lenses were totally replaced by soft and hard contact lenses, new designs and materials have recently allowed the successful use of non-fenestrated scleral contact lenses in patients who are intolerant to conventional contact lenses. These new scleral contact lenses form a bridge over the cornea, which is thus bathed in a moisture reservoir. Scleral contact lenses provide unique therapeutic and vision rehabilitative properties that overcome the therapeutic gaps encountered with conventional contact lens therapies. The availability of new and diverse materials—such as the use of highly oxygen-permeable materials for scleral contact lenses—has allowed reevaluation of the clinical role of scleral lenses in the management of irregular corneal surface disorders and ocular surface disease.

**Managing Astigmatism with Soft Lenses**  
*Presented by Patrick Goughary*  
This course is intended to give Opticians and Contact Lens Technicians a logical plan of attack when considering soft lenses for their astigmatic patients. After attending this class, participants will be able to: recognize different amounts and types of astigmatism; classify available soft lens options by power and design; select the soft lens option(s) that offers the greatest chance of success on an individual basis; and evaluate diagnostic lenses for fit and vision.

**Oh My: My Contact Lens is Wearing a Skirt!**  
*Presented by BW Phillips*  
Believe it or not, hybrid lenses have been around for more than 30 years. Tandem (piggyback) fittings were also reported in the 1970s. This course will look first at the history of these modalities as well as the “how to” fitting philosophies. We will discuss the pros and cons of each as well as patient selection. Case studies will also be presented.

**Optics for the Contact Lens Clinician**  
*Presented by Jane Buckland*  
“Spectacle prescription” to “contact lens prescription” conversion tools are a must in any practice. This course is designed to identify various refractive anomalies and how they are corrected or neutralized by spectacle as well as contact lens application. Formulas will be presented to describe calculation for vertex distance and astigmatic variances. Lens-to-cornea relationship, explaining the principles of how
the contact lens relates to the corneal plane as well as how to calculate the "tear lens" will be explored. The participant will learn how to identify a contact lens prescription.

**Review of Corneal Anatomy, the Ocular Surface and How It Relates to Scleral Lens Nomenclature**  
*Presented by Buddy Russell*  
As scleral lens usage increases, eye care professionals should be educated as to the ocular surface anomalies seen in patients who potentially benefit from these contact lenses. In addition, terminology tends to vary across the world when describing the nomenclature of these special lenses. This course will discuss the terminology associated with scleral lens indications, nomenclature, complications and the surface on which they rest and/or protect.

**Scleral Lens Care and Handling: Tips and Tricks from the Experts**  
*Presented by Jason Jedlicka*  
This course will cover the aspects of scleral lens application, removal, cleaning, storage, and handling. Basic concepts will be covered with some pearls taken from numerous scleral lens veterans added to enhance the attendee's skills.

**Single Vision Soft Contact Lenses Fitting - What Could Be Simpler?**  
*Presented by Mike Gzik*  
Single vision contact lenses make up 50% of all soft lens prescribed in the US because prescriptions with cylinders of less than -0.75 are considered to be the easiest to fit. Many practitioners “mail in “the lens type prescribed and give out a box of solutions based on nothing more than what is on the shelf at the time. This course is designed to help participants review the strategies used to prescribe a silicone hydrogel, or hydrogel material with appropriate system of disinfection based on patient needs and lifestyle.

**The Basics of Scleral Lens Fitting - It's as Easy as 1, 2 and 3**  
*Presented by Melissa Barnett*  
This course will describe major conditions for which scleral lenses are prescribed with a combination of reviews of published literature and descriptions of cases that illustrate the utility of scleral lenses in the management of these conditions. In addition, scleral lens fitting and troubleshooting pearls will be discussed.

**The Lost Art: GP Corneal Lens Fitting**  
*Presented by Buddy Russell*  
This course will include discussion as to how to interpret fluorescein patterns to aid the fitter as to how to properly fit a rigid corneal contact lens. This art is essential to determine why a lens fits well and why it does not fit properly. Static slides and on eye videos will be used to demonstrate examples.
The Rising Tide of Myopia Management, Control and Prevention
Presented by Tim Koch
There is a growing, worldwide epidemic of Myopia. Using corneal reshaping lenses to control the progression of myopia in children has been proven to be an effective tool among other options for this purpose. Recent studies have demonstrated its efficacy, safety, and growing demand in light of the Myopia epidemic worldwide. This course will discuss the impact of increased myopia, corneal reshaping history and how it has become a major factor in slowing the progression of myopia.

Troubleshooting Scleral Lens Complications
Presented by Melissa Barnett
Scleral lenses have become recognized as an important tool in the management of corneal disease. Scleral lenses can be extremely successful; however, complications may occur. This course will review the management and prevention of scleral lens complications.

Virtual Fitting of the Irregular Cornea
Presented by Jim Slightom
This course will illustrate how trouble shooting contact lens fits by sharing information with contact lens consultants, and other contact lens specialists can be done long distance and electronically. Videos and pictures using NaFl patterns will be shown that were captured on cell phones and shared through emails. Troubleshooting and the resolution of several challenging fits, using this online distance approach, will be emphasized.

Visual Rehabilitation of the Irregular Cornea with Contact Lenses
Presented by Jason Jedlicka and Buddy Russell
Irregular corneal astigmatism occurs almost always in keratoconus and pellucid marginal degeneration, along with an estimated 25 percent of eyes after penetrating keratoplasty or after corneal injury. Often, the method of achieving a functional optical result is with contact lenses; GPs, hybrid designs, or tandem systems, custom soft lenses or scleral lenses. This course will describe those ocular conditions, which result in irregular astigmatism, why contact lenses are indicated for their correction rather than spectacles, plus the methodology for choosing and designing a contact lens system that will provide optimal results for the patient.

What Am I Seeing? A View through the Slit-Lamp
Presented by Wendy Ford
This course will cover a systematic approach to slit-lamp examinations and ocular anatomy as related to pre-fit contact lens evaluations. Discussion will include slit-lamp illumination techniques, ocular evaluation from the lids/lashes to the anterior structures, and common ocular pathology. Soft and rigid contact lens evaluations and potential contact lens complications, as seen through the slit-lamp biomicroscope, will also be reviewed.