

Contact Lens Course Descriptions

Introducing Myopia Control in Your Practice

Presented by Craig Norman, Buddy Russell, and John Gelles

Today, there is significant interest in myopia, in fact some have called the increasing numbers of myopic patients an “epidemic” or “boom”. So, how can myopia and, in particular, myopia progression, be managed – or can it? Are contact lenses the best choice, or only one of many? What is best? Spectacles, bifocal soft lenses, orthokeratology, and pharmaceutical intervention all have demonstrated some level of success. This course will describe and discuss some of the key issues regarding myopia control, where contact lenses fit in for the young progressive myopic and how to incorporate this treatment into the eyecare practice.

Scleral Versus Corneal Design

Presented by Ledonna Buckner

This course will describe the similarities and differences in corneal GP lenses as compared to scleral designs. The attendee will learn a glossary of terminology related to each design. Fitting characteristics and goals of each modality will be discussed. Handling techniques, solutions and care will also be covered.

Tricks and Tips for Successful Therapeutic Scleral Lens Wear

Presented by John Gelles, OD

Modern scleral lenses can be used for visual rehabilitation in irregular corneas as well as therapeutic treatment in ocular surface disease (OSD). This course will go over troubleshooting common complications with scleral lenses utilized as adjunctive therapy in OSD. Complication will be broken down into three main categories: the lens surface, the lens edge & post lens tear layer, and the cornea & ocular surface. Ways to minimize these complications will be discussed. Many of these complications are common to all scleral lenses.

Troubleshooting Distorted Vision in Scleral Lenses

Presented by Zachary Holland, OD

Scleral lenses have many benefits over other lens modalities but the practitioner can also run into major problems when refining acuity. This lecture will describe potential problems that lead to reduced acuity with scleral lenses on and ways to minimize these issues when they arise.

Scleral Lenses – From Start to Finish

Presented by Mile Brujic, O.D.

Scleral lenses have changed the way we care for a number of corneal conditions including keratoconus, dry eye and severe corneal compromise. This course will take the attendee through the process of scleral lens fitting from start to finish.

Ethical Guidelines for Contact Lens Dispensing

Presented by Jane S. Buckland

The intention of this course is to provide information necessary to prevent, and/or observe possible Lens related complications which could result from the improper dispensing of Contact Lenses. A brief review of "how to" identify the specifics of a contact lens Rx as well as a review of basic contact lens related prescription issues will be outlined. Approved lens care and possible contraindications will be addressed. Outlining the duties and responsibilities of the Contact Lens Dispenser will also be discussed.

The Impact of Systemic Diseases and Their Medications to the Ocular Surface

Presented by Buddy Russell

The tear film is the host environment for the contact lens. Alterations in the normal tear film due to systemic disorders, chemicals, allergic reactions, and environmental factors can affect contact lens wear. In addition, both over the counter and prescription medications can affect the eye in a variety of ways. This course will explore the various systemic and anatomical disorders the contact lens practitioner might encounter in their practice.

Contact Lenses Make My Eyes Dry

Presented by Mile Brujic

With the number one reason for patients discontinuing contact lens wear being discomfort, it is important to understand the reasons that cause it. This course will empower the attendee with a better understanding of the reasons that comfort with contact lenses may be affected and the strategies to make these people more successful in them.

Multifocal Contacts: How They Work and How to Make Them Work

Presented by Mile Brujic, O.D

Multifocal contact lenses have highly advanced designs and are remarkable for presbyopes interested in minimizing their dependency on glasses. You will develop a greater understanding for newer designs and tools to implement this evolving technology in patient care.

Corneal Tattoos and Prosthetic Contact Lenses

Presented by Lee Hewitt

This course will cover the latest options for blind disfigured eyes as well as seeing eyes with iris trauma. Corneal tattoos and prosthetic contact lenses are options for both seeing eyes and blind badly scarred eyes. This history and current methods of cornea tattooing will be lectured upon. The prosthetic contact lens option will also be discussed. As to prosthetic contact lenses many suppliers have discontinued their manufacture of these lenses. This has created a smaller group of manufacturers of lenses for special eyes. The lecture will cover tinted, to hand painted prosthetic lenses. The fitting of these lenses requires patience. Lighter irises are harder to match than darken ones.

Non-Surgical Visual Rehabilitation for Keratoconus Patients

Presented by John Gelles, OD

In addition to surgical options, there are non-surgical approaches that can be taken when managing a keratoconus patient. We will discuss goals of specialty contact lens fitting and different types of lenses

available. Expectations and timing for fitting after procedures such as intacs, topography-guided PRK, CXL and corneal transplantation will be presented. Device care, replacement and common challenges that arise with devices will be explored.

Advanced Corneal Topography

Presented by Buddy Russell

Current corneal topography assessment techniques are undergoing considerable evolution in both hardware and in the software algorithms used to calculate and display corneal curvature. It is therefore prudent that eye care practitioners stay abreast of these changes, especially in light of the changes related to ocular diagnosis, contact lens designs and refractive surgery options.

Toric Oxygen Permeable Contact Lenses

Presented by Michael Gzik

The participant will be able to evaluate different types of corneal and refractive astigmatism and what strategies are used in correcting each. The GP lens designs include but are not limited to. Front surface toric, back surface toric, bi-toric, and toric peripheral curves. Corneal and scleral lens's and multifocal designs. The conditions will include with the rule, against the rule, residual, and irregular, such as post op PKP, PTK, PRK, Lasik and trauma.

Specialty Lenses – How, When and Where

Presented by B. W. Phillips

This presentation will cover different visual abnormalities, anomalies and disorders. The benefits and applications of contact lenses in both day-to-day and specialty situations will be reviewed. This course focuses on how to fit and dispense these products and how to determine the best specialty design for the patient's needs.

Problem Solving Using Large Diameter Contact Lenses

Presented by Lee Hewitt

The fitting of large diameter gas permeable lenses following corneal disease, surgery and trauma will be discussed. The scleral lens the semi-scleral Lens, and intra-limbal Lenses and the techniques that make fitting these lenses successful. How these lenses can work well when fitting the following conditions keratoplasty, ocular trauma, keratoconus and refractive surgery.

Soft Contact Lens Complications

Presented by Bryan Wolynski

This course will discuss soft contact lens complications presented as a case by case analysis with discussion of signs, symptoms and treatment options.