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INSTRUCTIONS FOR KERATOCONUS SURGERY: CORNEA REVOLUTION

Prior To Pre-Op Appointments: Please Be Sure Contact Lenses Are Removed

- **Soft Lenses 3 Days / Hard Lenses 1 Week Unless Otherwise Specified by Dr. Motwani**

Prior To Surgery Appointments: Please Be Sure Contact Lenses Are Removed

- **Soft Lenses 1 day / Hard Lenses 3 Days Unless Otherwise Specified by Dr. Motwani**

- No Caffeine the morning of surgery. No gum chewing during surgery.
- You will be asked if you want to take valium before surgery to help with anxiety (the valium takes around 15 minutes to work). When you are called for, you will put on the hair cap, and proceed into the laser room.
- The technician will help you into the chair and place anesthetic, and antibiotic drops into the eye(s). The effect of the anesthetic drops will completely numb your eyes, making the procedure virtually painless. You will then recline until lying flat and placed into the procedure position under the head of the laser microscope. The right eye will be done first then the left eye.
- You will wear a patch over the eye that is not being worked on to help maintain your focus and your eyelashes will be taped out of the way with a special surgical tape and a device will be used to hold your eye open so you cannot blink. Try not to move your head during the procedure. If you lose the flashing green light then look at the red light, especially during the laser re-shaping.
- The epithelial layer will be removed either using the excimer laser (PTK) or manual removal (PRK) to access the stromal bed, the flashing green light will appear blurrier, but find it, focus on it and relax. The laser gives off a small odor while working. Since your nose is near the area being operated on, you may smell this. Do not be alarmed. It is expected and normal.
- After the laser is finished, a bandage lens will be placed on the corneal surface for protection. The procedures should be painless and if at any time you do feel significant pain or discomfort, let Dr. Motwani know immediately, and more anesthetic will be administered.
- After the laser procedure is performed on each eye, the cornea will be saturated with riboflavin. If the residual corneal bed falls below 350 microns, the cornea will be expanded with hypotonic saline.
- When both eyes have the laser performed, you will be switched to another bed for the cross linking. This will take 15 minutes per eye, where you will be looking at the UV light and the glow created with the riboflavin and will appear to be a greenish/bluish light. First one eye, usually the right, will be cross linked and then the next eye.
- Do not talk during the procedure unless Dr. Motwani asks you a direct question, or unless you let him know that you are having pain or you need to cough or sneeze. When answering questions, vocalize, and do not nod or shake your head.
- Dr. Motwani will examine your eye(s) under the laser microscope to ensure that the lenses are set flat without folds or striations.
- When finished with the affected eye(s), the technician will help you out of the chair, and seat you in an exam room and instructions will be reviewed in the exam room.
- **Remember to dress warmly** as the operating room is kept cool and do not wear any make-up/cosmetics, perfume, cologne, or aftershave or scents whatsoever.
- **Remember to bring your prescriptions with you the day of your surgery** (have them filled at your pharmacy before your surgery.) (Antibiotic, Anti-inflammatory, and NSAID drops and any other drops prescribed or recommended or given by the Doctor or the doctor's Technician.)
- **Remember** that your vision might be blurry in the treated eye(s) for the first few days and you might experience some discomfort that includes, aching, soreness, light sensitivity, and itchiness. These and any other discomforting physical sensations you may experience are normal as this is part of your healing process.