Editorial

Isn't technology amazing!

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Summertime. The time of year to be outside, enjoying biking, playing tennis, golfing, nighttime neighborhood bonfires. I love this time of year. The days are long and it's a great time to create those lasting memories with family and friends. I was recently with my mom and dad again over the 4th of July holiday. My mother had cataract surgery with us last summer and is still doing great. 20/20 at distance and near. It got me thinking again about how great technology is to be able to make those results happen. Twenty years ago when I started, it was big incisions with sutures, foldable lenses didn't exist, refractive outcomes weren't even discussed, and it was long healing periods with multiple eye drops the patient had to take for months.

Today, we have such amazing technology and can accomplish so much more. I am fortunate to work with such an amazing team of surgeons, optometrists, and technicians. As a patient, you need to choose a surgeon you can trust, especially when it some to experience. An experienced surgeon typically performs more than ten cataract surgeries per week. In addition, their entire team should be made up of highly trained ophthalmic professionals. Our doctors are all fellowship trained, have authored books and research papers, lecture on cataract surgery, and have received referrals and even performed cataract surgery on other eye surgeons.

Surgeries now include femtosecond laser technology, wavefront analysis, intraoperative aberrometry using the ORA, advanced topography, and a variety of lens types to choose from including traditional implants, aspheric implants, toric, multifocal, and accommodating designs. We now do corneal endothelial analysis, advanced corneal analysis using technology like the Nidek OPDIII Topographer, tear film analysis using Tear Lab and InflammaDry, and sophisticated lens analysis with devices like the HD Analyzer and the iTrace systems. ReLACS (Refractive Laser Assisted Cataract Surgery) has really allowed better ways to create incisions, more precise capsulotomies, and less invasive lens removal. Advanced lens calculation methods allow accurate measurements of the eye, including corneal curvature and axial length measurements. Lenstar and IOLMaster are two technologies that really make our surgical results so precise. We track outcomes better than ever with computerized technology and nomograms. Having years of laser vision correction experience, taking the same mindset over to the cataract space and using excimer lasers to further enhance visual outcomes is now what the patients demand. My mom has clear vision and is enjoying life like never before. Watching the grandkids playing tennis or being able to play golf or go on a bike ride is something that she doesn't take for granted. She exclaimed, "I'm just glad I lived at a time have this surgery when technology was where it's at. Isn't technology amazing!".

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