

Advanced *Technology*

New equipment at the SBL Surgery Center allows for scalpel-free cataract surgery

The SBL Surgery Center now has the ORA System™ and LenSx® technology for quicker, safer, and more precise eye procedures. For the first time in medical history, cataract surgeons have the on-demand ability to measure outcomes, correct astigmatism, and verify lens implant calculations in real-time during cataract surgery with the introduction of Optiwave Refractive Analysis (ORA).

LenSx® technology uses a laser to break up the cataract and to create incisions in the cornea as part of a cataract surgery. The lens fragments are then gently removed from the eye using suction.

After the cataract and natural lens are removed, an artificial, intraocular lens is inserted into the eye. The ORA System™ is used to precisely place the lens by conducting analysis of the eye during the operation, once the cataract is removed but before the intraocular lens is inserted. These real-time measurements provide even better outcomes than previous procedures.

“With the addition of the LenSx laser, we are able to bring increased precision, accuracy and safety to the cataract procedure. The laser can perform many of the critical steps of the surgery without the need for a scalpel. This may result in a healthier eye with less swelling and faster vision recovery,” Ophthalmologist Ryan Pine, MD, explained.



For more information about ORA System™ and LenSx® technology, cataract surgery, or to make an appointment with Dr. Pine at Advanced Ophthalmology, call **217 348-0221**.