

## Corporate Report

a report by

**Mira, Inc.**

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Mira Inc.'s motto, first through innovation, has effectively expressed its operating philosophy since the company's foundation more than 40 years ago. Many of the products manufactured by Mira are the direct result of collaborative efforts with some of the most highly respected ophthalmic surgeons worldwide. Dr Charles Schepens and his colleagues were instrumental in the development of many of the products that are currently used by ophthalmologists. These collaborative product innovations were enhanced by Mira's ability to produce these products with the highest level of manufacturing quality.

A current example of this collaborative relationship is the development of the finger-tip probes that were designed by Paul Finger, MD, for cryotherapy in the treatment of ocular tumors. These probes are designed with a spatulated tip for coverage of wide surface area. Mira's Ophthalmic Cryo System has exclusive design based on the Joule-Thompson principle using either N<sub>2</sub>O or CO<sub>2</sub>. The system provides a rapid freeze and thaw tip-freeze-only probe that produces delicate intracellular crystal formations. These smaller crystals are less destructive and minimize the potential for inadvertent freezing of extra-ocular tissue. Also, the rapid freeze and thaw probes are offered for a wide range of applications and designed with a natural downward positioning that optimizes the surgeon's proficiency.

New designs from William H Ross, MD, Mark Hatfield, MD, and Peter Lou, MD, are recent additions or improvements to scleral buckling components. Mira offers a wide range of scleral buckling implants fabricated from two

different silicone materials: silicone sponge and solid silicone. The solid silicone is designed to provide the appropriate softness and tensile strength. The silicone sponge implants are produced from a small-cell medical-grade elastomer sponge. Another important consideration is the double sterile packaging that offers convenience to the user with its positive identification with maximum sterile integrity.

### **Schepens Pomerantzeff Binocular Indirect Ophthalmoscope**

Developed by O Pomerantzeff at the Eye Research Institute of the Retina Foundation, Boston, Massachusetts, the ophthalmoscope serves as a regular binocular ophthalmoscope in routine posterior pole observation through dilated pupils over 4mm, optimizes the view and illumination of the fundus periphery, increases stereopsis in widely dilated pupils, bypasses opacities in transparent media, and serves as a small pupil instrument to obtain binocular observation through small and undilated pupils.

### **Mira Diathermy System and Transilluminator**

This diathermy system is used for chorioretinal adhesions, a wide range of vitreous surgeries, and localized hemostasis. The technology ensures that tissue trauma, charring, shrinkage, and inflammation are drastically reduced. The diagnostic and surgical high-intensity transilluminator delivers fiber optic light ideal for ophthalmic surgery procedures.

Today, Mira Inc. continues to encourage collaborative initiatives with ophthalmologists worldwide. These efforts will result in the continued development of valuable new equipment for use in ophthalmic surgery. ■

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