Study Evaluates Haag-Streit Tonosafe Disposable Prisms

Researchers at the Veterans Affairs Boston Healthcare System found that Haag-Streit’s single-use Tonosafe disposable tonometer prisms are a reliable alternative to the Goldmann applanation tonometer (GAT), according to a study published in *Eye*.1

Tonosafe disposable prism covers are designed to replace the multiuse prisms created for the GAT. The study measured the IOP of 652 eyes (326 patients) with the Tonosafe and with the GAT. Previous studies comparing Tonosafe with the GAT primarily included patients within the normal range. The investigation also included patients at the extremes of IOP measurements, within the range of 3 to 34 mm Hg.

Linear regression analysis showed $R = .93$ and slope = .91. The y-intercept = -1.05 was significantly different than the hypothesized value. Tonosafe test-retest repeatability on 40 patients (40 eyes) was very high with $R = .977$. That was further supported by linear regression slope = .993, y-intercept = .118. The Tonosafe repeatability coefficient was 2.06—similar to GAT repeatability.

Transcend Medical Closes $51M Series B Financing

Transcend Medical, Inc. (Menlo Park, CA), an ophthalmic device company dedicated to developing minimally invasive glaucoma therapies, announced the closure of its second tranche, bringing the total of Series B funding to $51 million, according to a news release.

Investor Growth Capital (IGC; Stockholm, Sweden) joined the tranche, along with follow-on contributions from several other existing investors. Transcend will use the funds for the development of additional infrastructure and resources for the US study of its CyPass Micro-Stent as well as for ongoing international clinical trials and the development of next-generation glaucoma solutions.

The CyPass Micro-Stent is a tiny implant placed in the eye through a minimally invasive surgical procedure. It is intended to be an earlier intervention than conventional surgical treatments and is designed to eliminate the need for glaucoma medications while providing continuous control of IOP.

“Transcend’s promising clinical outcomes and [research and development] progress to date demonstrate that the company is well positioned in the existing $4.5 billion global glaucoma therapy market,” said Abhijeet Lele, managing director and head of healthcare investing at IGC. “We look forward to working closely with the management team to expedite development of this exciting minimally invasive glaucoma therapy.”