Swept Beam Liquid Interface Technology™

OIS/AAO 2018
Booth #4463
Survey of Anterior Segment Imaging

UBM Image

OCT HD
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ArcScan Insight 100 Swept Beam
ArcScan’s Value Proposition

Precision anterior segment measurements

- In front of and behind the iris, from cornea to lens posterior
- Enables **advances in therapeutic implants** with precision measurements including behind the iris
- Provides **earliest possible** glaucoma detection and management
- Becomes **the invaluable tool** for your toughest cases
Enables Advances in Therapeutic Implants

Precision anterior segment measurements

In front of, behind, and beyond the iris from cornea to lens posterior

ICL Example

Preop sulcus-to-sulcus sizing measurement

Precision Measurements

| 10.58 mm |
| 9.37 mm |

Preop ICL image (for reference)
Enables Advances in Therapeutic Implants

Precision anterior segment measurements

In front of, behind, and beyond the iris from cornea to lens posterior

ICL Example

Image of ICL in vivo

ICL vault
Precision Measurement
0.38mm
Earliest Glaucoma Detection and Management

Addition of measurements behind the iris gives new dimension to glaucoma management

“We are seeing and will continue to see greater usage in glaucoma diagnostics with the ability to image where optical devices cannot – the ciliary body....”

Ike Ahmed, MD - Division Head of Ophthalmology at Trillium Health Partners
Glaucoma Value Proposition

There are 6.5 million glaucoma imaging procedures in US alone*

- Obtains precision measurements in areas never before seen (including behind the iris)
- Provides earliest indication of risk of ocular hypertension and the reasons why
- Can become the new cornerstone in the quest for earlier management and treatment of glaucoma
- No other imaging instrument can provide this comprehensive set of measurements

This procedure is covered for reimbursement under US CPT code 76513

*Based on OCT imaging CPT code for posterior segment glaucoma

Single-Use Sterile EyeSeal™
- For patient safety
- Ongoing revenue stream
IOL with and without tension ring

A case of a patient with an IOL in one eye with a tension ring and an IOL in the other eye without a tension ring - refractive surprise with 0.95mm difference in IOL depth
A Case with a Tilted ICL Implant

Tilted ICL
An Invaluable Tool for Your Most Difficult Cases

A case where the SMILE pocket was too deep; required PRK for enhancement.

SMILE pocket in thin cornea
Numerous systems in use – sales accelerating

The ArcScan Insight100™

• High-resolution, automated ophthalmic precision measurement and imaging system
• Delivers 10X higher image precision than current ultrasound systems
• Sees and measures in areas not possible with OCT

☑ FDA, CE Mark, Australia, New Zealand, Singapore, and Health Canada clearances
☑ <4 minute procedure, maximizing patient throughput
☑ Can be operated by any clinical technician
☑ One device for glaucoma, LASIK, cataract (now), and retina (future)
☑ Very comfortable patient experience
☑ Placements in US military – Camp LeJeune Naval Medical Hospital, Walter Reed, discussions with three others
ArcScan Ask of $6M–$10M

Seeking interested KOLs to use ArcScan to:

• Provide unexcelled clinical capabilities to their patients
• Handle the most challenging cases
• Help enhance the state-of-the-art in ophthalmic therapy and patient care

Seeking first institutional investment round funding for:

• Accelerating and expanding sales & marketing
• 2nd generation device

Cash flow positive H2 2020

R&D pathway includes:

• Specialized application software packages
• AI learning and enhancement capabilities
• Applications in unmet needs both in ophthalmology (e.g., retina) and other medical disciplines