

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549**

**FORM 8-K**

**CURRENT REPORT PURSUANT  
TO SECTION 13 OR 15(D) OF THE  
SECURITIES EXCHANGE ACT OF 1934**

Date of report (Date of earliest event reported): October 25, 2016

**SECOND SIGHT MEDICAL PRODUCTS, INC.**

---

(Exact Name of Registrant as Specified in Its Charter)

**California**

---

(State or Other Jurisdiction of Incorporation)

**333-198073**

(Commission File Number)

**02-0692322**

(IRS Employer Identification No.)

**12744 San Fernando Road, Suite 400  
Sylmar, California 91342**

---

(Address of Principal Executive Offices)

**(818) 833-5000**

---

(Registrant's Telephone Number, Including Area Code)

(Former Name or Former Address, if Changed Since Last Report)

---

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
-

**ITEM 7.01. REGULATION FD DISCLOSURE**

A copy of a slide presentation that Second Sight Medical Products, Inc. ("Second Sight ") intends to use during presentations made before groups and in hosting one-on-one meetings with individuals at the at the MicroCap Conference being held on October 25, 2016, at the Hotel Monaco in Philadelphia (the "Presentation Materials"), is attached to this Current Report on Form 8-K as Exhibit 99.1 and is incorporated by reference herein. The Presentation Materials speak as of the date of this Current Report on Form 8-K. While Second Sight may elect to update the Presentation Materials in the future or reflect events and circumstances occurring or existing after the date of this Current Report on Form 8-K, Second Sight specifically disclaims any obligation to do so. The information contained in this Item 7.01 and Exhibit 99.1 hereto shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by reference in such a filing.

**ITEM 9.01 FINANCIAL STATEMENTS AND EXHIBITS**

**Exhibit No. Description**

99.1 Second Sight Medical Products, Inc. Investor Presentation dated October 2016

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: October 25, 2016

**SECOND SIGHT MEDICAL PRODUCTS, INC.**

/s/ Thomas B. Miller

By: Thomas B. Miller  
Chief Financial Officer



**Investor Presentation**  
October 2016

---

# Forward Looking Statements

NASDAQ: EYES



This presentation contains certain forward-looking information about Second Sight that is intended to be covered by the safe harbor for "forward-looking statements" provided by the Private Securities Litigation Reform Act of 1995, as amended. Forward-looking statements are statements that are not historical facts. Words such as "anticipate," "believe," "estimate," "expect," "intend," "may," "plan," "predict," "project," "target," "potential," "will," "would," "could," "should," "continue," "strong," "up coming," and similar expressions are intended to identify forward-looking statements. These statements include, but are not limited to, statements regarding our ability to successfully develop and commercialize our products; our ability to expand our long-term business opportunities; financial projections and estimates and their underlying assumptions; and future performance.

In this document, we refer to information regarding potential markets for products and other industry data. We believe that all such information has been obtained from reliable sources that are customarily relied upon by companies in our industry. However, we have not independently verified any such information.

Forward-looking statements may address the following subjects among others: expected products, applications, customers, technologies and performance, coverage and insurance reimbursements, results of clinical studies, success of research and development and our expectations concerning our business strategy. Forward-looking statements involve inherent risks and uncertainties which could cause actual results to differ materially from those in the forward-looking statements, as a result of various factors including those risks and uncertainties referred to in the Risk Factors and in Management's Discussion and Analysis of Financial Condition and Results of Operations sections of our Annual Report on Form 10-K as filed on March 11, 2016 and our other reports filed from time to time with the Securities and Exchange Commission. The audience is cautioned not to place undue reliance on these forward-looking statements that speak only as of the date hereof, and we do not undertake any obligation to revise and disseminate forward-looking statements to reflect events or circumstances after the date hereof, or to reflect the occurrence of or non-occurrence of any events.

# Leader in Restoring Vision Through Technology

NASDAQ: EYES



Leading Platform Technology for the Blind	Significant Addressable Markets	Commercially Available
<ul style="list-style-type: none"><li>• First and only FDA-approved neurostimulation device for the blind on the market</li><li>• 371 patents granted; 144 pending</li><li>• 17+ years of R&amp;D with unmatched durability</li></ul>	<ul style="list-style-type: none"><li>• 8+ million people blind due to unpreventable causes</li><li>• Approved for subset of individuals blind from RP</li><li>• Targeting AMD &amp; other untreatable causes of blindness</li></ul>	<ul style="list-style-type: none"><li>• Regulatory clearance in US, EU &amp; other key markets for</li><li>• Creating Argus II Centers of Excellence</li><li>• Establishing infrastructure for patient outreach and rehabilitation</li></ul>
Reimbursement Success	Robust R&D/Clinical Pipeline	
<ul style="list-style-type: none"><li>• US reimbursement codes and payment rate established</li><li>• US Medicare coverage in 17 states</li><li>• Reimbursed in Germany, several regions of Italy and in France via Innovation Funding program</li></ul>	<ul style="list-style-type: none"><li>• Upgrades to Argus II expected to be commercially available in 2017</li><li>• AMD pilot clinical study continuing with promising early results</li><li>• Orion I for cortical stimulation on-track for first human implant in 2017</li></ul>	

# Argus II - Neurostimulation Technology Platform

NASDAQ: EYES



## The Argus II Components

Upgradeable Video Processing Unit (VPU)



Upgradeable Eyewear & Camera



Argus II Implant – Electronics & 60 Electrode Array

## Key Implant Features

### Small & Programmable

Smallest physical size & largest number of individually programmable electrodes

### Patented Electrode Material

Material facilitates smaller & more concentrated electrodes in given area

### Long-Term Reliability

Hermetically sealed implant with safe bio-interface & 10+ year lifetime<sup>1</sup>

**17+ years of R&D protected by strong patent portfolio: 371 patents; 144 pending patent applications**



Second Sight

<sup>1)</sup> 10+ years of lifetime use in accelerated in vitro testing and 8.5+ years use in real time in patients under active stimulation and normal use conditions

# Restoring Useful Vision

NASDAQ: EYES



## Key Benefits:

- Improved orientation and mobility
- Enhanced connection with people
- Improved quality of life
- Greater independence in daily lives



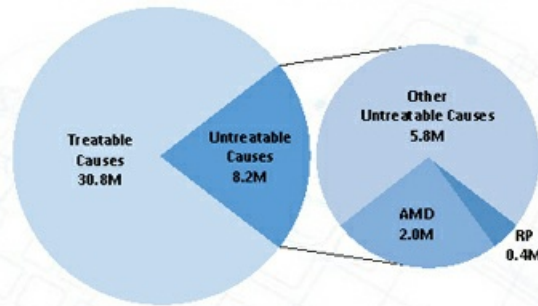
<http://www.bloomberg.com/news/videos/2015-05-21/bionic-eyes-give-second-sight-to-the-blind>

 Second Sight



**Of the 39M people worldwide that are legally blind, 8M+ are due to untreatable causes**

Worldwide Patients Who Are Legally Blind



Addressable Market	Commercial Status	Market for Blind Patients Due to Untreatable Causes
0.4M	Commercially Available	Retinitis Pigmentosa (RP) <sup>1</sup>
2.0M	Ongoing clinical trial in dry AMD in the U.K.	Age-Related Macular Degeneration (AMD)
5.8M	U.S. feasibility study to begin in 1H 2017	Other Untreatable Causes Includes glaucoma, infection, etc.

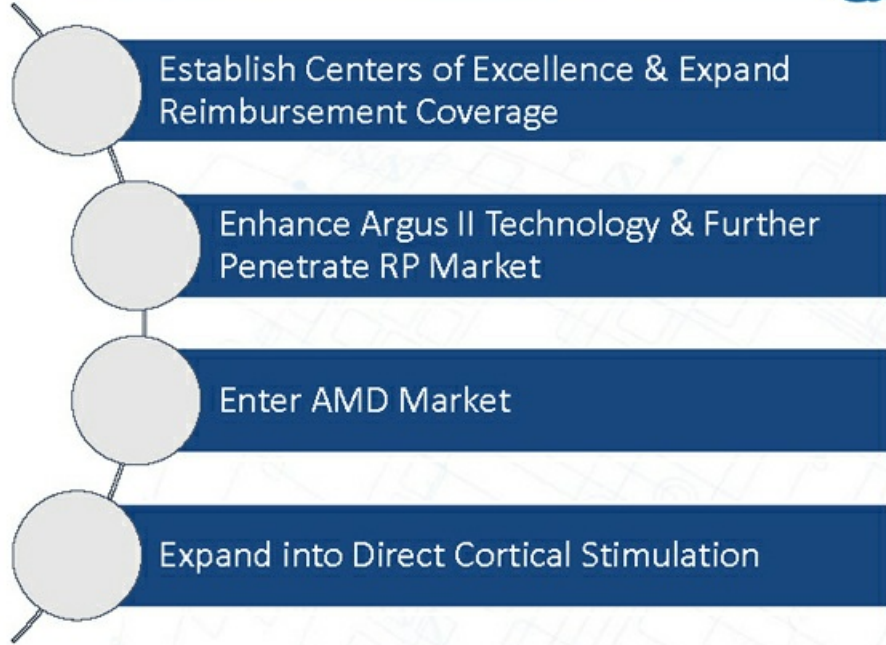


<sup>1</sup>) Commercialization today is a subset of this population. Current regulatory approvals are for vision levels worse than legal blindness.



# Our Strategy

NASDAQ: EYES



**Goal:**

Build organizational foundation supporting operational excellence and sustained long-term growth

# Establishing Centers of Excellence

NASDAQ: EYES



## Key Areas of Focus for Centers of Excellence

- Partnering with centers to provide more assistance & ensure competence
  - Patient screening
  - Surgical excellence
  - Post-surgery programming
  - Rehab network for patients
- Priority is centers in geographic areas of the U.S. with Medicare coverage
- Centers make commitment to implant Argus at significant volumes
- Prepares centers for AMD and Cortical markets



## Goal:

Partner with centers to insure competence in all aspects of Argus program and prepare for increased patient volumes

# Expanding Reimbursement Coverage

NASDAQ: EYES



US	Europe	ROW
<ul style="list-style-type: none"><li>• 5 of 12 MACs with coverage decision</li><li>• Pursuing remaining MACs</li><li>• CPT code application for programming</li><li>• \$150k proposed rate for 2017</li></ul>	<ul style="list-style-type: none"><li>• Germany</li><li>• Two regions of Italy</li><li>• Innovation funding in France</li><li>• Pursuing England &amp; Belgium</li></ul>	<ul style="list-style-type: none"><li>• Pursuing Turkey</li><li>• Iran, Taiwan, South Korea</li><li>• Argentina after regulatory approval</li></ul>

**Goal:** Secure market access with regulatory approval and reimbursement coverage



### Current Indication:

- Bare or no light perception in RP patients in U.S.
- Severe to profound vision loss from outer retinal degeneration in EU



### Targeting:

- Better performance in current RP patient population
- Expansion into broader RP population with less vision loss

## Key Enhancements in Development

### New Externals (Eyewear, Camera & VPU)

- 25x higher VPU processing power
- Improved aesthetics, patient comfort, usability & reliability

### Advanced Image Processing Software<sup>1</sup>

- Better definition of objects
- Face detection
- Depth information
- Eye tracking

### Improved Delivery of Stimulation to Retina<sup>1</sup>

- Improved resolution by adjusting pulses, waves, steering to/of electrodes
- Increased brightness of phosphine

### Goal:

Continue to enhance the technology so patients achieve better vision & Argus II can be indicated for use with better-sighted individuals

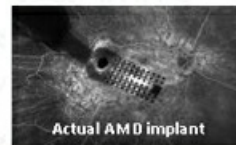


- 5 subject, single-center clinical trial in the UK (Final patient enrolled in Q1 2016)
- All subjects had low thresholds on all electrodes
- Subjects do not report confusion or difficulty integrating residual vision with Argus II vision
- Subjects report enjoying using the Argus II to watch TV, and ability to “fill in” missing central vision (e.g. determine whether a person’s mouth is open or closed, seeing outlines of heads, etc.)
- Demonstrating objective vision improvement over baseline is challenging due to residual vision



Normal Vision

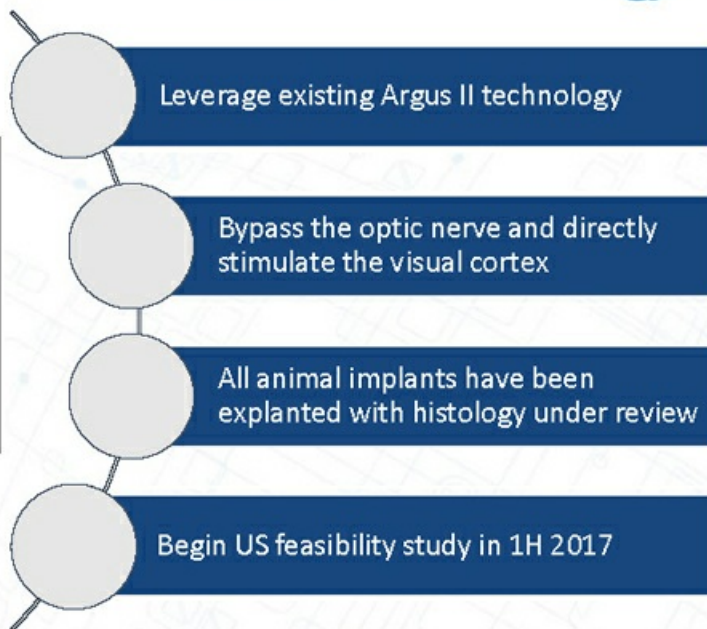
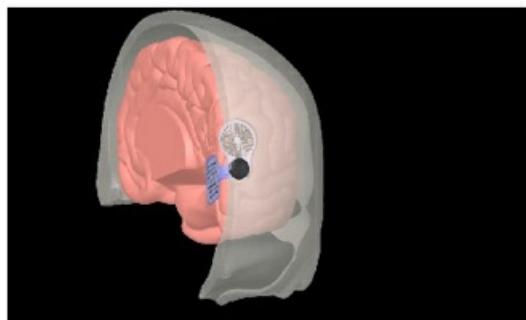
Vison with Dry AMD



**Goal:** Determine next steps in pursuit of AMD market with Argus technology

# Expanding into Direct Cortical Stimulation

NASDAQ: EYES



## Goal:

First artificial vision system in the U.S. targeting 5.8 million patients blinded by trauma, glaucoma & optic nerve disease, among other untreatable causes

# Major Awards & Recognition

NASDAQ: EYES





## Dominant Industry Position for the Foreseeable Future

- Significant first mover advantage with 5+ year lead time in the U.S.
- Several difficult engineering challenges were overcome during the development of the product (i.e. device reliability, extended lifetime & safe/effective bio-interface)

### Therapeutic Approaches to Vision Loss

Treatment
Retinal Prosthesis
Transplants
Stem Cells
Gene Therapy
Optogenetics
Nutritional Therapy
Implantable Telescope

### Retinal Prosthesis Competitors

	Regulatory Approval		Commercial
	CE	FDA	
retina implant (Germany)	✓	✗	✗
ixium (France)	✓	✗	✗
NIDEK CO., LTD. (Japan)	✗	✗	✗
NanoRetina (Israel)	✗	✗	✗



# Select Financials

NASDAQ: EYES



(USD \$ in Thousands)	TTM Q2 2016	TTM Q2 2015	FY 2015	FY 2014
Revenue	\$6,679	\$6,491	\$8,950	\$3,398
Gross Profit	98	1,788	3,657	(160)
Net Loss	(24,459)	(31,100)	(20,018)	(35,201)
Non-GAAP Adjusted Net Loss*	(19,328)	(18,469)	(17,007)	(18,977)

(USD \$ in Thousands)	Jun 30, 2016	Jun 30, 2015	Dec 31, 2015	Dec 31, 2014
Cash, cash equivalents & investments	\$23,875	\$26,587	\$15,960	\$34,619
Outstanding Debt	\$0	\$0	\$0	\$0

\*Non-GAAP adjusted net loss for TTM Q2 2016, TTM Q2 2015, FY 2015 and FY 2014 excludes non-cash expenses including stock-based compensation, interest expense on convertible notes, amortization of discount on convertible notes and write-off of unamortized discount on convertible notes.



## Industry leading technology platform for the blind

- Only FDA-approved retinal prosthesis
- Formidable IP portfolio with 350+ issued patents
- Significant first mover advantage with estimated 5+ year lead time in the U.S.

## Establishing commercial footprint with Centers of Excellence model

- Building required competencies to grow number of RP patients treated and prepare for AMD and Cortical businesses

## Successful execution of reimbursement strategy in US and Europe

- 2017 proposed rate of \$150k in US with coverage in 17 states
- Reimbursement in Germany, Italy and France

## Targeting significant addressable markets

- AMD and Cortical Stimulation markets total almost 8M people

## Robust R&D pipeline

- Improving Argus II to advance performance and expand markets
- Orion I for direct cortical stimulation ready for U.S. feasibility study in 1H 2017



## **Second Sight Medical Products, Inc.**

12744 San Fernando Road

Suite 400

Sylmar, CA 91342

Main: 818-833-5000

[www.secondsight.com](http://www.secondsight.com)

Robert Greenberg

Chairman

Direct: 818-833-5050

[bob@secondsight.com](mailto:bob@secondsight.com)

### **Retail Investor Relations**

Greg Falesnik

Managing Director

MZ North America

Direct: 949-385-6449

[Greg.Falesnik@mzgroup.us](mailto:Greg.Falesnik@mzgroup.us)

### **Institutional Investor Relations**

Lisa Wilson

President

In-Site Communications, Inc.

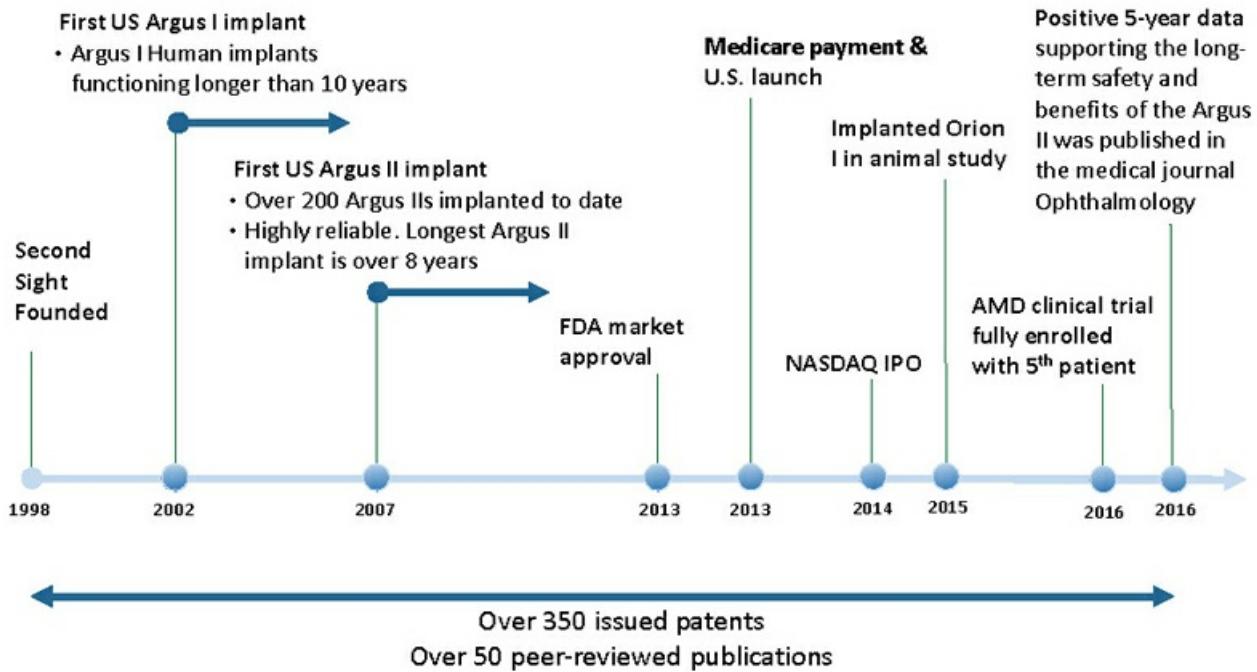
Direct: 212-452-2793

[lwilson@insitecony.com](mailto:lwilson@insitecony.com)

# Appendix

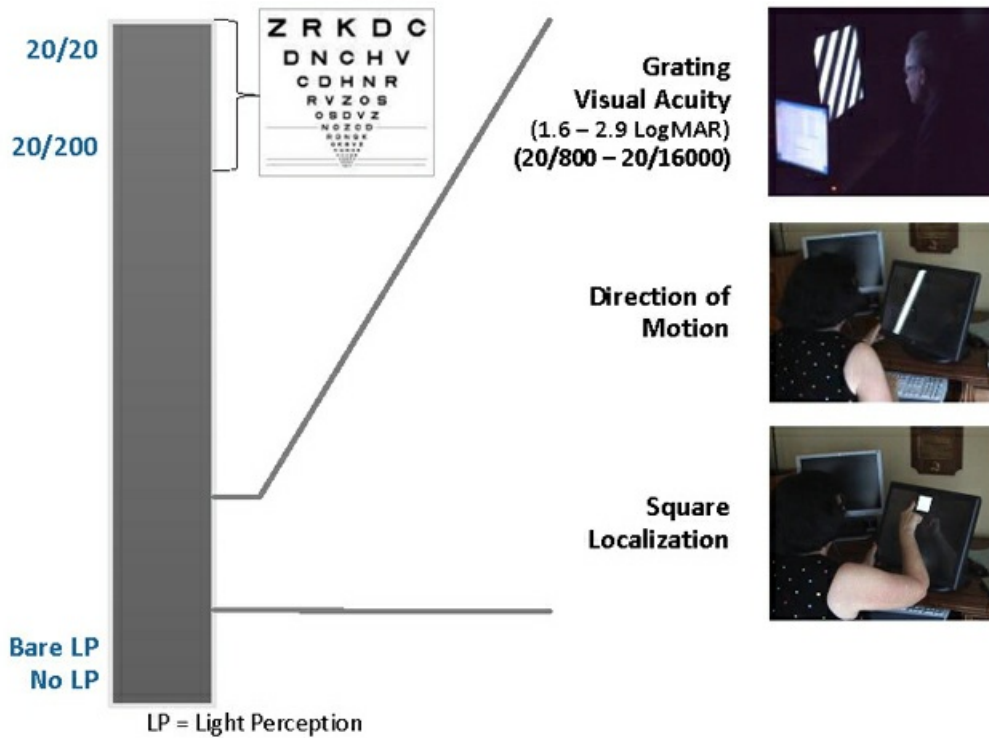
# Corporate Timeline

NASDAQ: EYES



# Patient Visual Function Assessments

NASDAQ: EYES

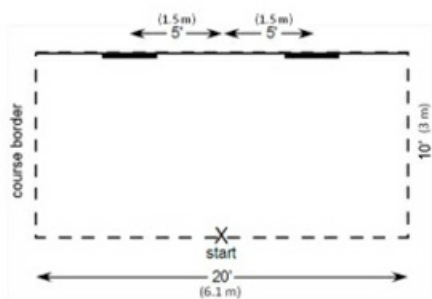




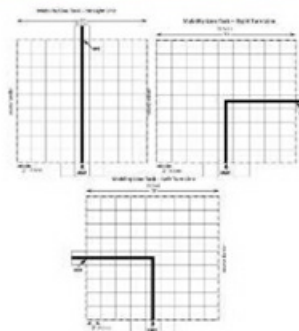
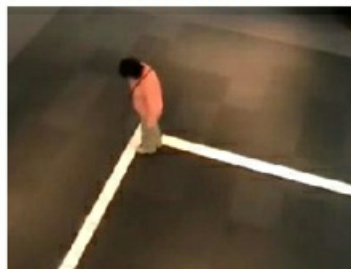
## Door Test



Course is 20' x 10'



## Line Test



# Performance – 5 Years Post-Implant

NASDAQ: EYES

