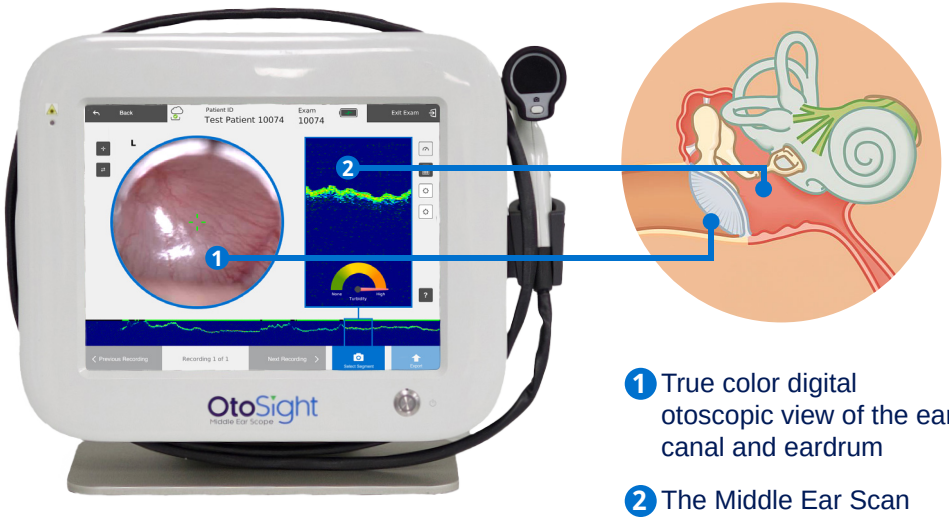
# OtoSight™
## Middle Ear Scope


### See Through the Eardrum Like Never Before

The FDA-cleared OtoSight™ Middle Ear Scope is the **only** technology to non-invasively visualize through the eardrum to directly assess the presence of middle ear fluid.

### Ear Health Reimagined

The OtoSight™ Middle Ear Scope provides two views of the middle ear which can be easily shared with patients and providers.




1. True color digital otoscopic view of the ear canal and eardrum
2. The Middle Ear Scan utilizes optical coherence technology (OCT) to:
   - Determine the presence of fluid in the middle ear
   - Characterize the turbidity of the fluid

### OCT vs. Traditional Otoscope

The technology in the OtoSight™ Middle Ear Scope is 90.6%* accurate in the detection of fluid vs. the documented 50%** accuracy with a traditional otoscope.

**Otolaryngol Head Neck Surg. 2020 Mar;162(3):367-374*
***Arch Pediatr Adolesc Med. 2001;155(10):1137-1142.*

### Antibiotic Stewardship

Be a guideline champion making evidence based prescribing decisions.

### Empowering Patient Engagement

Bring your patients into the picture with an instant on-screen view of the middle ear.

### Continuity of Care

Access to historical exam records supports continuity of care—whether patients are seen by the same provider, different providers within the same practice, or referred to outside specialists.

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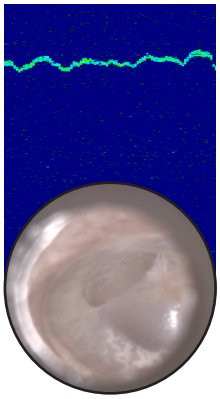
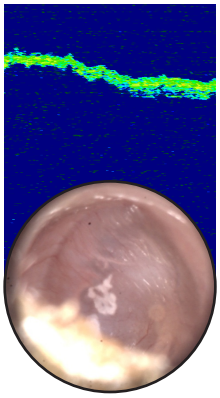
## Interpreting OtoSight™ Middle Ear Scans

### Middle Ear Scan WITHOUT Middle Ear Effusion (Fluid)

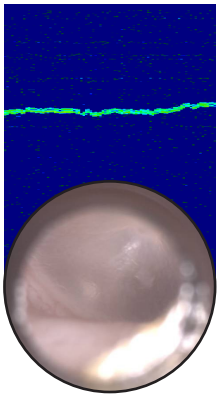
Monomer



Tympanosclerosis

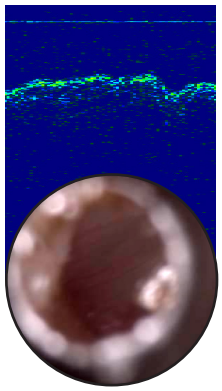


Normal Ear

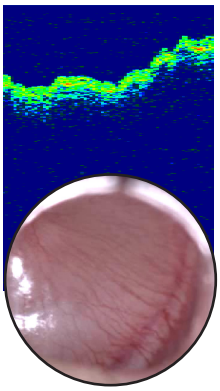


### Middle Ear Scan WITH Middle Ear Effusion (Fluid)

Low Turbidity

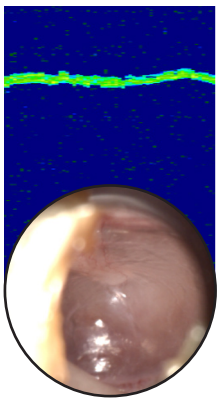


High Turbidity

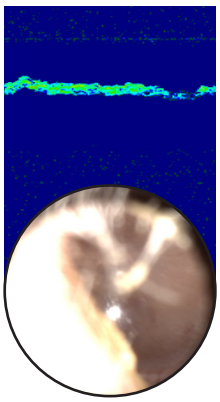


### Middle Ear Scan WITH Cerumen

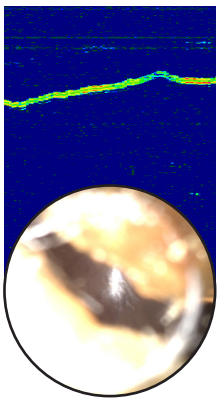
41% Occlusion



51% Occlusion



89% Occlusion



**Scan here to watch a short demonstration on how to use OtoSight™ Middle Ear Scope**

The recent OTO-MATIC study evaluating how using OtoSight™ impacts antibiotic prescription rates for pediatric ear complaints versus standard otoscopy.

### Key Numbers

- 4 Sites
- n=248
- 16 Clinicians

### Key Findings

- A significant 51% reduction in antibiotic prescriptions when providers used OtoSight™ compared to those using the current Standard of Care (SOC). (p-value<0.001)
- Physicians who managed patients with OtoSight™ were nearly 5x less likely to prescribe multi-modal treatments. (p-value<0.001)


Zambelli-Weiner, April et al.
**Clinical utility of an optical coherence tomography middle ear scope: Interim results of the modification of antibiotic treatment intervention in children (OTO-MATIC) pragmatic cluster randomized controlled trial (RCT)**
*International journal of pediatric otorhinolaryngology vol. 193 (2025)*
PMID: 40267635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**For more information or to request a demo, please contact info@photoni.care**