

AOM Management has a Large, Often Ignored, Quality Gap

18M
PRESCRIPTIONS

Ear infections are the leading cause of antibiotic prescriptions^{1,2}...

...the leading cause of surgeries in children³...

536K
SURGERIES

22M
OFFICE VISITS

...and the second leading cause of sick-child office visits^{4,5}

Correct diagnosis of ear infections varies between 25-88%. As a result, AOM is over-diagnosed and over-treated up to 58% of the time.^{6,7,8,9}

1. Talathi S, et al. *Glob Pediatr Health*.;4:2333794X17749668, 2017

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3. Cullen, K., et al. *National health statistics reports*, no. 11, revised. 2006.

4. Rosenfeld, RM, et al., *Otolaryngology-Head and Neck Surgery*, 154: S1-S41, 2016.

5. Cleveland Clinic, *Ear Infection (Otitis Media)*, <https://my.clevelandclinic.org/health/diseases/8613-ear-infection-otitis-media>, accessed April 25, 2023.

6. Rosenfeld, RM, et al., *Otolaryngology-Head and Neck Surgery*, 154: S1-S41, 2016.

7. Pichichero ME, Poole MD. *Arch Pediatr Adolesc Med*.;155(10):1137-1142, 2001.

8. Pichichero ME. *European J Clin Microbiol Infect Dis*, 22(9):519-24, 2003.

9. Sorrento A, Pichichero ME. *J Am Acad Nurse Pract*, 13(11):524-9, 2001.



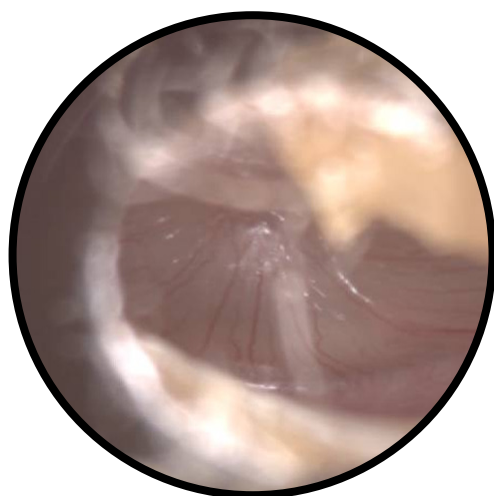
Improve AOM Management Starting with Better Patient Assessment

Optical Coherence Tomography (OCT) technology allows you to non-invasively visualize through the eardrum to **directly, objectively assess middle ear fluid**.

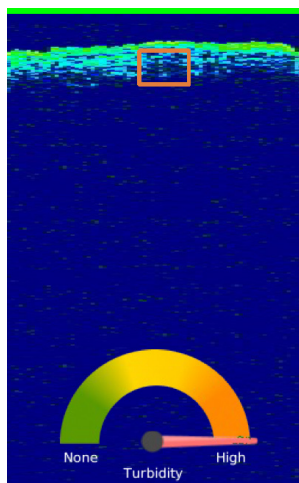
Improve the **patient & caregiver experience** by having more clinical information available during that first office visit.

More accurate diagnosis¹⁰ can:

- reduce **antibiotic prescriptions** by 26%
- reduce **tympanostomy tube surgeries** by 15%
- reduce **sick-child visits** by 12%



Surface Image



Middle Ear Scan



For more information or
to request a demo:

- info@photoni.care
- (866) 411-EARS (3277)
- www.photoni.care



For reimbursement
assistance, contact The
Reimbursement Group

- otosight@trgltd.com
- (866) 411-EARS (3277)



10. Analysis of U.S. population via the Health Economic Model for Acute Otitis Media (AOM)[™] developed for PhotoniCare, Inc., version 1.5.