

The *ClearView*: Clinical data

PhotoniCare has developed the *ClearView*[™] handheld imager to improve middle ear disease visualization and increase diagnostic accuracy. Below is a list of key clinical publications illustrating the utility of our technology. A complete list of studies is available upon request.

1. Monroy GL, **Shelton RL**, **Nolan RM**, Nguyen CT, Novak MA, Hill MC, McCormick DT, **Boppart SA**. Noninvasive depth-resolved optical measurements of the tympanic membrane and middle ear for differentiating otitis media. *The Laryngoscope*, 2015.
2. Hubler Z, Shemonski ND, **Shelton RL**, Monroy GL, **Nolan RM**, and **Boppart SA**. Real-time automated thickness measurement of the in vivo human tympanic membrane using optical coherence tomography. *Quantitative Imaging in Medicine and Surgery* (featured cover), 2014.
3. **Shelton RL**, Jung W, Sayegh SI, McCormick DT, Kim J, and **Boppart SA**. Optical coherence tomography for advanced screening in the primary care office. *Journal of Biophotonics* (featured cover), 2014.
4. Nguyen CT, Robinson SR, Jung W, Novak MA, **Boppart SA**, and Allen JB. Investigation of bacterial biofilm in the human middle ear using optical coherence tomography and acoustic measurements. *Hearing Research*, 2013.
5. Nguyen CT, Jung W, Kim J, Chaney EJ, Novak MA, Stewart CN, and **Boppart SA**. Noninvasive in vivo optical detection of biofilm in the human middle ear. *PNAS*, 2012.