FittingNow: Digital Ear Scanning with Otoscan (0.2 CEUs)

Hosted by:
AT Still University
5850 E. Still Circle, Mesa AZ 85206
Room: Cougar

Monday, Nov. 19th, 2018 5:30 – 7:30pm

REGISTER TODAY:

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Otoscan is a comprehensive ear scanning solution that provides a new, safe and easy way to make digital impressions for custom in-the-ear pieces such as earmolds and hearing aids. The scanning software transforms ear scans into digital image files that are ready to be used in 3D modeling production.

The human ear is a complex component of the human anatomy. As such, creating a digital scan of the ear which includes a dark and potentially curvy and narrow ear canal can be a significant technical challenge. Otoscan provides a solution to the barriers of a successful ear scan but its application does require a basic understanding of how Otoscan works as well as hands-on practice to master the scanning technique. This course provides the opportunity to address both requirements.

In addition to the validated patient benefits, we will review the overall operational and business benefits that Otoscan can provide to a clinic. For instance, a new workflow to the patient evaluation path could lead to increased business efficiencies and patient satisfaction. Compared to the traditionally passive silicone impression process, digital ear scanning could be converted to an active counseling tools that could help optimize the hearing aid selection and purchase process

As we get further into the course, participants will get to know the different hardware pieces that make up the Otoscan application including the scanner, the scanner cradle, a dedicated Otoscan laptop and a practice ear. In addition, the participants will gain an understanding of how the different Otoscan lasers and cameras work together to create a scan and how these components influence scanning technique. Scanning workflow will also be discussed. In addition to a demo of live ear scanning, a brief overview of the Gaminfied in-depth training software and the applications used to scan and order products will be reviewed.

Learner Outcomes:

1. Explain the patient benefits, in addition, to the operational efficiencies that digitizing the analog silicone earmold impression process can provide for the hearing healthcare provider.
2. Describe how custom hearing devices could help providers differentiate and segment their offerings from over-the-counter options.
3. Describe how Otoscan utilizes two different lasers to obtain a complete and accurate scan of the patient's ear canal.