



ODG R-7 Smartglasses And InnerOptic 3D Navigation Technology Improves Accuracy and Safety of Medical Procedures

In a world where it seems like every healthcare headline is about rising costs, ODG is proud to share the news that the R-7 smartglasses are working with InnerOptic's solution to provide affordable and better care for procedures needing precise needle-based interventions.

[InnerOptic](#) develops patented 3D navigation systems that assist doctors performing surgical and minimally-invasive procedures, such as treatment of uterine fibroids, and of cancers in the liver and pancreas. The goal of pairing InnerOptic technology with ODG's R-7s, the leading hands-free head-worn device, is to make the procedures simpler, quicker, and most importantly safer. Several of InnerOptic's navigation systems are already FDA-cleared, clinically validated, and licensed to medical-device manufacturers.

On June 1st and 2nd at the [Augmented World Expo](#), InnerOptic will demonstrate a prototype 3D navigation system for using ultrasound guidance to place needles into the body. With the ODG R-7 smartglasses, the physician can see a live ultrasound as if it were inside the patient, from her own point-of-view. This makes it more convenient to use and easier to correctly position the ultrasound probe. The R-7 also displays the trajectory of the needle, in 3D, relative to the patient's body and the live ultrasound scan. This enables the physician to place the needle into the target with greater accuracy and confidence, and with fewer attempts.

Visitors to ODG's AWE booth will have the opportunity to see the experiences in action, comparing them to traditional methods to fully understand the precision benefits this technology will bring to patients and the Medical field.