



PRECISION IMAGING FOR **PRECISION HEALTHCARE**



MAKE PRECISION APPROACHES



IDENTIFY STRUCTURES TO AVOID



VIRTUALLY ANNOTATE STRUCTURES



TREAT COMPLEX CASES FASTER



REDUCE RADIATION EXPOSURE



TEACH WITH CONFIDENCE

Novarad® OpenSight® is an FDA-cleared augmented reality surgical navigation system that increases surgical accuracy and confidence. Like a surgical GPS, OpenSight arms surgeons and interventional radiologists with the ability to find and reach their target destination quicker and more accurately, avoiding important obstacles along the way.

OpenSight renders DICOM data from any modality into a highly detailed hologram. Through the use of optical codes, the hologram is precisely overlaid onto the patient for more accurate injections, incisions and procedures. The virtual needle also indicates a trajectory pathway for precise needle placement and targets the exact site to begin an incision.

Improved precision results in reduced operating room time and improved patient outcomes.



OpenSight



More than
4,000 patients
per year suffer
injuries related to
surgical errors*

“ The OpenSight system significantly improves my precision in the operating room. Specifically, it allows me to determine exactly where to place my incision thereby allowing me to keep the incision small—minimizing pain and improving overall cosmeses—and also shortens my operative time by allowing me to expose the surgical target more precisely and quickly.

Dr. Babak Sarani
Director of Trauma and Acute Care Surgery at the GW Hospital.

“ We attempted to do a thoracic epidural steroid injection, in a patient whose spine was tight and painful from severe degeneration, we couldn't find an entry point. Using a cone beam CT scan and OpenSight, we were able to find one little hole that we could get through. It gave me my optimal entrance point, angle, and depth—and ultimately a successful completion of the procedure.

Dr. Wendell Gibby
Neurointerventional Radiologist, Blue Rock Imaging Center
and CEO of Novarad

Focus On Your Patient, Not a Monitor

PATIENT FOCUS

OpenSight allows surgeons to look at their patient and through their patient - at the same time. Distractions are eliminated along with the need to look back and forth between viewing screens and the patient.

AUGMENTED REALITY

Truly Transformative Technology

Augmented reality provides the best of both the physical and digital world, enabling physicians to experience a real-time view of actual surroundings, mixed with an overlay of intelligent virtual objects, eliminating disorientation and confusion often associated with virtual reality. OpenSight uses the Microsoft HoloLens, which is untethered and offers the most comfortable and immersive Augmented Reality experience available.

To Learn More

Visit www.novarad.net/opensight

* Shocking Surgical Error Statistics, published by Seattle Malpractice Lawyers, February 16, 2017