Dr. Wright performs first of its kind computer-assisted surgery in the U.S. using new technology

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Dr. Thomas Wright, MD [4], a University of Florida Health [5] orthopaedic surgeon, is one of two nationally to perform the first computer-assisted shoulder replacement surgery in the United States of America utilizing a new technology that allows live navigation of the operative site.

From the article:

"The technology, ExactechGPS Total Shoulder Application, provides the surgeon with a real-time 3-D computer model of a patient’s shoulder during surgery. It does this by combining CT scan images with data from instruments mounted with tiny infrared cameras.

The combination gives the surgeon a road map for the placement of implant screws with tolerances of 2 millimeters, besting what is possible with the human eye. The technology is expected to produce more secure, durable implants with fewer complications."
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[6]
You can read the full article online via the UF Health Newsroom:

- UF Health surgeon performs first-of-its-kind computer-assisted surgery in U.S. using new technology [7]


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