

# Atlantic Coast Surgical Suites performs first navigated reverse total shoulder at an ambulatory surgery center in New England

SEABROOK, N.H., April 25, 2019 (SEND2PRESS NEWSWIRE) – Atlantic Coast Surgical Suites is an ambulatory surgery center designed for, and specializing in, outpatient joint replacement surgery. Today, Dr. Moby Parsons of The Knee, Hip and Shoulder Center performed the first outpatient reverse shoulder replacement here using the Exactech GPS (Guided Personalized Surgery) preoperative planning and navigation system.



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According to Parsons, “There are very few centers around the country offering surgical navigation for shoulder replacement at an outpatient surgery center. This is the first such case in New England.”

Dr. Parsons is one of the design surgeons for the Exactech GPS system. A preoperative CT scan provides a detailed 3D picture of the patient’s arthritic shoulder. Images are then imported into a planning software that allows the surgeon to virtually perform the operation, selecting the right

implants and their optimal position and orientation relative to the patient's individual anatomy. This plan can then be taken into the operating room where special instruments with trackers synced to a computer and camera system allow real time navigation of the surgical plan.

"Arthritis causes wear and erosion of the socket bone. Our goal during surgery is to restore patient anatomy as best we can. Planning and navigation substantially improve our accuracy compared to conventional instruments," Parsons notes.

Parsons, along with several other design surgeons and engineers, has done extensive research and development on surgical navigation in shoulder replacement and has been using this technology for almost 2 years since it became commercially available. Parsons was also the first surgeon in New Hampshire to perform a reverse shoulder replacement in 2004 and was recently inducted into the American Shoulder and Elbow surgeons, recognizing his expertise in shoulder surgery.



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Advances in patient preparation, pain management, anesthetic techniques and surgical techniques now allow many patients to go home the same day as their joint replacement surgery. "Recovery in the comfort of home is both safe and highly satisfying for patients," Parsons notes.

"Our ambulatory surgery center specializes in orthopedic procedures with a

highly dedicated staff who focus on same-day care day in and day out. Experience and expertise really matter to do this well. We are extremely fortunate to have a center like Atlantic Coast Surgical Suites where we can deliver high quality outpatient joint replacement.”

Learn more at: <https://www.orthopedicsnh.com/>

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