



Orthopaedic Specialists

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**PRESS RELEASE
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**RESEARCH ON SHOULDER REPLACEMENT SURGERY LED BY LOCAL
PHYSICIAN IS PUBLISHED IN CLINICAL JOURNAL**

Research led by orthopaedic surgeon **Gordon I. Groh, M.D.**, recently published in the *Journal of Shoulder and Elbow Surgery*, will provide critical information for other specialists treating patients who require shoulder replacement surgery.

A board-certified specialist in shoulder, elbow and hand surgery at Blue Ridge Bone & Joint, with offices in Asheville and Hendersonville, Dr. Groh conducted two studies in which he examined the records of patients who had undergone shoulder replacement surgery, most often for shoulder arthritis.

“Survival and radiographic analysis of a glenoid component with a cementless fluted central peg,” was published in the December 2010 *Journal of Shoulder and Elbow Surgery*. In that study, Dr. Groh reviewed the records of more than 80 patients on which he had performed total shoulder arthroplasty (TSA), or a total shoulder replacement. The purpose was to evaluate the clinical results of a new type of prosthetic glenoid, or artificial shoulder socket. Dr. Groh’s research indicated favorable results for the patients and provides vital information for the further development of such clinical products.

The second, “Results of revision from hemiarthroplasty to total shoulder arthroplasty utilizing modular component systems,” was published in the January 2011 *Journal of Shoulder and Elbow Surgery*. In that study, Dr. Groh studied another clinical product, a modular component system, as part of a technically demanding procedure called revision total shoulder arthroplasty (RTSA). A patient who continues to have pain following a hemiarthroplasty (HA), or partial shoulder replacement, sometimes must undergo RTSA, replacing the entire shoulder. Results of this complicated procedure have been inconsistent, but Dr. Groh’s research revealed that the use of the new modular component system minimizes the complexity of RTSA and patients see good improvements in pain, range of motion and function.

Dr. Groh is one of only four orthopaedic surgeons in the nation to hold memberships in the professional society, American Shoulder and Elbow Surgeons (ASES), as well as the American Society for Surgery of the Hand (ASSH). The ASES, open by invitation only, is an educational body of select leading national and international orthopaedic surgeons who specialize in surgery of the shoulder and elbow. It is responsible for the development of scientific programs and the publication of scientific materials. ASSH is the oldest medical specialty society in the U.S. devoted entirely to continuing medical education related to hand surgery.

Prior to joining Blue Ridge Bone & Joint 16 years ago, Dr. Groh served as a full-time faculty member and director of shoulder and elbow surgery at the University of Colorado School of Medicine in Denver. He continues to actively pursue research and teaching opportunities, and has presented in every major city in the U.S., as well as in Mexico, Canada and Japan.

He is also active with the American Academy of Orthopaedic Surgeons (AAOS), and serves on key committees for developing continuing medical education for its members. The AAOS is the preeminent provider of musculoskeletal instruction to orthopaedic surgeons and others in the world.

For more information about Dr. Groh, call Blue Ridge Bone & Joint at (828) 258-8800, or visit www.DrGordonGroh.com.

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