

## Partnership is a “joint” venture

The Center for Hip & Knee Surgery and Rose-Hulman Institute of Technology have begun an exciting new research effort in the Biomedical Engineering Department at the institute’s Terre Haute campus. The new biomedical testing laboratory combines the engineering expertise of Rose-Hulman and the renowned clinical research contributions of the Center for Hip & Knee Surgery.

Rose-Hulman students and professors conducted laboratory tests on some of the latest high-tech knee implants donated by Biomet, Inc., a Warsaw, Ind.-based orthopaedic manufacturing firm. The tests investigated a number of design features on total knee replacements and looked at the way these features affected loading patterns in the knee and possible causes of failure.

“A number of significant findings were discovered and have been presented at scientific meetings,” said Michael Berend, M.D., from the Center for Hip & Knee Surgery. “We’re pleased to further our efforts to ensure total joint replacement continues to enhance our patients’ quality of life.”

From: Joint Ventures, Center for Hip & Knee Surgery, 2007.