

Contact:

Ashok C. Khandkar
Chief Executive Officer
(801) 583-5100

Email: ak@amediacorp.com
www.amediacorp.com

FOR IMMEDIATE RELEASE**Amedica's silicon nitride ceramic bearing technology receives
prestigious HAP Paul award for use in total hip arthroplasty**

SALT LAKE CITY, UT, October 10, 2007 – Amedica Corporation, an orthopedic implants company focused on silicon nitride ceramic technologies, announced today that a paper it presented on the in-vitro testing and evaluation of its silicon nitride ceramic bearings for total hip arthroplasty won the HAP Paul Award from the International Society for Technology in Arthroplasty (ISTA). The prestigious HAP Paul Award, which was presented to Amedica at ISTA's 20th Annual Congress, held October 4 - 6, 2007, in Paris, France, is given for outstanding research in new technology for joint replacements.

The award-winning research paper, "In Vitro Performance of Silicon Nitride Ceramic in Total Hip Bearings," will be published by ISTA as a special article in the Journal of Arthroplasty. The paper demonstrates that Amedica's MC2™ silicon nitride based ceramic bearings, being developed for reconstructive hip, knee and spine implants, have the combination of strength, toughness and wear resistance characteristics that may overcome the limitations of currently available bearings.

The paper was authored by a team led by Ashok Khandkar, Ph.D., and included B. Sonny Bal, MD, University of Missouri, Columbia; Dr. Aaron A. Hofmann MD; University of Utah; Dr. Ian C. Clarke, Ph.D., Loma Linda University; Dr. Alan Lakshminarayanan, Ph.D., Amedica; and Mohamed N. Rahaman, Ph.D., University of Missouri-Rolla.

The team of collaborators compared the fracture strength and in-vitro wear characteristics using hip simulators of Amedica's Micro-composite Ceramic, or MC2, bearings with current state-of-the-art bearings. The data presented at ISTA's Annual Congress demonstrated that the silicon nitride femoral heads had substantially greater burst strength than similar 28 mm femoral heads made using the strongest commercially available ceramic.

"We are delighted and honored to win the HAP Paul Award for our work," said Ashok Khandkar, Ph.D., CEO of Amedica Corporation. "This paper demonstrates the inherent strength and wear resistance advantages of silicon nitride ceramics compared with the current generation of ceramic orthopedic implants. We are pleased that a group of our peers has selected our research on silicon nitride ceramic and recognized the important potential of this material for total hip arthroplasty. Importantly, we believe independent recognition such as this award, will increase awareness of silicon nitride and support its future use in orthopedic applications such as ceramic bearings for joint replacement."

About Amedica

Amedica Corporation is an emerging orthopedic implant company focused on using its silicon nitride ceramic technologies to develop and commercialize a broad range of innovative, high-performance spine and joint implants for the growing orthopedic device market. Its products currently under development include spine implants that may represent a new standard of care in the treatment of spinal injuries, diseases, and disorders based on superior durability, performance and safety.