



**ADVANCED ORTHOPEDICS
AND SPORTS MEDICINE INSTITUTE, PC**
A CENTER OF EXCELLENCE FOR BONE AND JOINT CARE

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Press Release

April 11, 2008

Manuel T. Banzon, MD, Freehold Orthopedic Surgeon, Lectured at the New CentraState Ambulatory Campus on How Computers Are Assisting in Total Hip Replacement Surgeries.

Orthopedic surgeon Manuel T. Banzon, MD of Freehold, New Jersey gave a lecture on computer-assisted, minimally invasive, total hip replacement. Dr. Banzon is a partner and orthopedic surgeon at [Advanced Orthopedics and Sports Medicine Institute in Freehold, New Jersey](#). [Advanced Orthopedics and Sports Medicine Institute](#) presents many educational lectures on orthopedic health concerns in Monmouth County, New Jersey.

Manuel T. Banzon, MD, an orthopedic surgeon in Freehold, New Jersey gave a lecture on Thursday, April 10 titled, "Computer-Assisted Total Hip Replacement." The audience at the Conference Center of the new CentraState Ambulatory Campus learned how computers are helping surgeons in minimally invasive total hip replacement. Dr. Banzon is one of the partners and orthopedic surgeons at [Advanced Orthopedics and Sports Medicine Institute in Freehold, New Jersey](#).

Computers assist surgeons by monitoring movement, alignment, and critical measurement during surgery, using infrared optics and tracking software. The surgeon is better able to visualize the surgical area, facilitating more accurate placement of instruments and implants. For the patient, this results not only in smaller incisions and consequently faster recovery time, but also a greater likelihood that the hip replacement will last longer and provide a wider range of motion. "It's always a pleasure to pass on such positive information that will likely benefit the members of my audience tonight," said Dr. Banzon. "The number of hip replacement surgeries is growing every year, so this technology benefits both patients and surgeons in innumerable ways." Following his presentation, Dr. Banzon answered several questions from the audience regarding the new technology.

Dr. Banzon is guided by a philosophy of providing high-quality and compassionate

patient care. Locally, he pioneered the use of minimally invasive surgery (MIS) in conjunction with computer-assisted surgery (CAS) in total joint replacement. He is one of the few surgeons who perform minimally-invasive hip replacements using a two-inch, two-incision technique. Most of his patients recover in less than half the time needed after traditional hip replacement surgery.

Today, all the surgeons at **Advanced Orthopedics and Sports Medicine Institute** perform minimally-invasive joint replacement surgery. The **Advanced Orthopedics and Sports Medicine Institute** provides advanced medical care in Freehold, New Jersey, with leading doctors and surgeons, state-of-the-art technology and exceptional Patient-Centered, Patient-Focused Care [™]. The seven practicing physicians at **AOSMI** have a combined 100 years of experience providing exceptional orthopedic care to the New Jersey community.

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