



FOR IMMEDIATE RELEASE

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**JUPITER MEDICAL CENTER PARTNERS WITH LOCAL ORTHOPEDIC
SURGEONS TO OPEN CLINICAL TRIAL FOR KNEE IMPLANT
CREATED TO EASE OSTEOARTHRITIS OF THE KNEE**

KineSpring System knee implants treat symptoms of pain and loss of function

JUPITER, FLA. (MAY 30, 2014) – In order to offer a better alternative to treat patients with osteoarthritis (OA) of the knee, Matthew Stiebel, M.D. and Gary Ackerman, M.D. of Palm Beach Sports Medicine, in conjunction with [Jupiter Medical Center](#), have opened a clinical trial of KineSpring, a new implantable device intended to treat the symptoms of pain and loss of function of the knee caused by the disease. Typically, the symptoms of OA are treated with painkillers and steroids as well as braces. The purpose of this research study is to test whether the KineSpring device is safe and provides relief of knee pain, improving knee function.

“Osteoarthritis of the knee can be a debilitating condition. Our goal is to identify whether we can bring this device to mass market, eliminating knee pain and restoring normal physical activity to millions,” said Dr. Stiebel, a board certified orthopedic surgeon on staff at Jupiter Medical Center and study principal investigator.

The KineSpring System is designed to work by carrying a portion of the weight that would normally be carried by the natural knee. The implant is placed under the surface of the skin alongside the knee joint and is attached to the side of the femur and tibia using screws. A spring, placed between the ball and socket joints, causes some of the weight in the patient’s knee to be transferred to the implant when the spring is compressed. The device is designed to absorb approximately 30 pounds when the leg is fully extended.

Eligible clinical trial participants are those who suffer from OA of the knee and have consulted with their physician about this investigational device.

Approximately 100 patients in the U.S. have received the KineSpring System implant through clinical trials. A similar version of the implant used in a European trial has been implanted in 550 patients as of

February 2014. The average patient is 45 to 55 years of age. After surgery, patients are back to their normal routine at about three weeks. Intensive physical activity is recommended after only three months.

For more information on the KineSpring System clinical study, contact Palm Beach Sports Medicine at 561-845-6000.

About the Clinical Research Program

An integral component of Jupiter Medical Center's (JMC) mission to improve the health and well-being of the community is access to clinical trials. Clinical trials may offer the opportunity to receive a new or potentially more effective therapy for diseases and certain medical conditions. JMC participates in national clinical studies addressing many aspects of cancer care, including new forms of treatment, methods of prevention, ways of screening for cancer and ways to improve comfort and quality of life for patients. Clinical trials offered at Jupiter Medical Center include oncology-related trails, disease-specific trials such as surgery studies, bio specimen trials, hyperbaric oxygen trials, infectious disease studies and prevention trials. For more information on the Clinical Research Program, visit

Jupitermed.com/clinical-research.

About Jupiter Medical Center

A not-for-profit 283-bed regional medical center consisting of 163 private acute care hospital beds and 120 long-term care, sub-acute rehabilitation and Hospice beds, Jupiter Medical Center provides a broad range of services with specialty concentrations in oncology, imaging, orthopedics & spine, digestive health, emergency services, lung & thoracic, women's health, weight management and men's health. Founded in 1979, the Medical Center has approximately 1,500 team members, 575 physicians and 640 volunteers. For more information on Jupiter Medical Center, please call (561) 263-2234 or visit Jupitermed.com.

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