



Physician Newsletter

A publication for Physicians and Office Managers

The Medical Center Is First Hospital in Kentucky to Treat Vertebral Compression Fractures with Kiva® VCF Treatment System

The Medical Center is the first hospital in Kentucky to utilize the Kiva® VCF Treatment System for the treatment of vertebral compression fractures (VCFs) which occur when a vertebra cracks, fractures or collapses.

Board certified Neurosurgeon Clark Bernard, M.D. performed the first procedure using the Kiva System at The Medical Center on Friday, May 2. "Patients who have vertebral compression fractures can suffer severe and disabling pain and if left untreated, can experience impaired function and decreased activity," said Dr. Bernard. "The Kiva system offers a new treatment option that has been shown to reduce pain and restore function and improve long-term results by reducing future fractures."



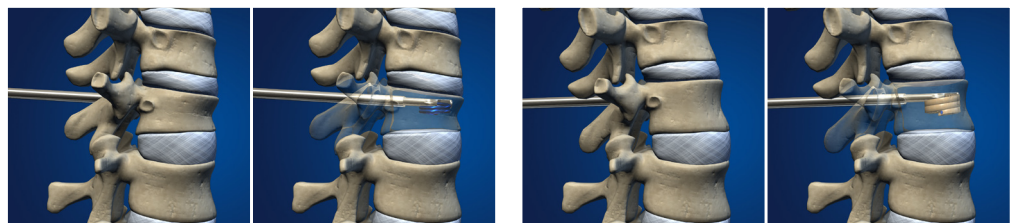
Clark Bernard, M.D.

The Kiva System by Benvenue Medical, Inc. is the first new, clinically proven approach to the treatment of VCFs in more than a decade. The Kiva System received 510(k) clearance from the U.S. Food and Drug Administration for the reduction and treatment of spinal fractures in January 2014.

In clinical studies, the Kiva System was shown to match the performance of balloon kyphoplasty, the current standard of care in treating VCFs. Kiva has also been demonstrated to reduce the rate of adjacent level fractures, improve restoration of the curvature of the spine, reduce the rate of cement leakage into surrounding tissue and reduce the amount of cement used.

Used during a minimally invasive procedure, the Kiva implant is designed to provide structural support to the vertebral body and a reservoir to direct and contain bone cement during vertebral augmentation. The implant is delivered percutaneously over a removable guidewire in a continuous loop into the vertebral body through a small diameter, single incision. Once the implant is in position, bone cement is introduced through the implant to stabilize the fracture. The amount of the Kiva Implant delivered is physician-customized during the procedure.

The Kiva Implant is made of medical grade plastic called PEEK-OPTIMA®, which is closer to the consistency of natural bone than bone cement, which is significantly harder. PEEK-OPTIMA is a biocompatible polymer that is widely used and well accepted as a spinal implant.



Collapsed

Restored



Mission: Lifeline EMS Recognition

**BECAUSE
TIME MATTERS.**

Medical Center EMS Receives AHA's Mission: Lifeline EMS Recognition Award

Medical Center EMS has received the American Heart Association's Mission: Lifeline® EMS Bronze Award that recognizes its commitment and success in implementing specific quality improvement measures for the treatment of patients who suffer a severe heart attack known as a STEMI (ST Elevation Myocardial Infarction).

Medical Center EMS is one of 208 EMS agencies in the United States and one of six EMS agencies in Kentucky to receive one of the inaugural Mission: Lifeline® Emergency Medical Services Performance Achievement Awards. Medical Center EMS is one of four EMS agencies in Kentucky and one of 109 agencies in the U.S. to receive the Bronze Award.

Mission: Lifeline seeks to save lives by closing the gaps that separate STEMI patients from timely access to appropriate treatments. Mission: Lifeline's new EMS recognition program recognizes those emergency responders for their efforts in improving STEMI systems of care and improving the quality of life for these patients.

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