



HealthMatters



State-of-the-art technology

Robot now part of partial knee and full hip replacements at St. Anthony's

By Steve Raymond
News Report Staff

Steve Lindley's bad hip was certainly affecting his quality of life.

He was in constant pain. At times, it would cause his right leg to give out and he would fall to the ground. It also affected his ability to work.

And worst of all, Steve didn't feel comfortable carrying his 5½-month-old grandson Alec and was unable to get down on the floor and play with him.

Finally, after struggling for nearly two years, Steve had enough.

"I was tired of the pain," Steve admitted. "I couldn't do my job. I couldn't play with my grandson. I was walking with a cane. I had to get it taken care of."

He first saw a specialist in Terre Haute, who gave Steve an injection that helped relieve the pain for about 10 days. When a second injection was offered, the 52-year-old West Union man declined.

"I said no. I needed to get my hip taken care of," Steve said. "When the specialist mentioned Bonutti Clinic in Effingham, I remembered that's where my mom went when she had her hip replaced. I knew that's where I wanted to go."

He made an appointment with Dr. Didi Omiyi at Bonutti Clinic. It was determined that Steve did, in fact, need a hip replacement and surgery was scheduled for mid-May.

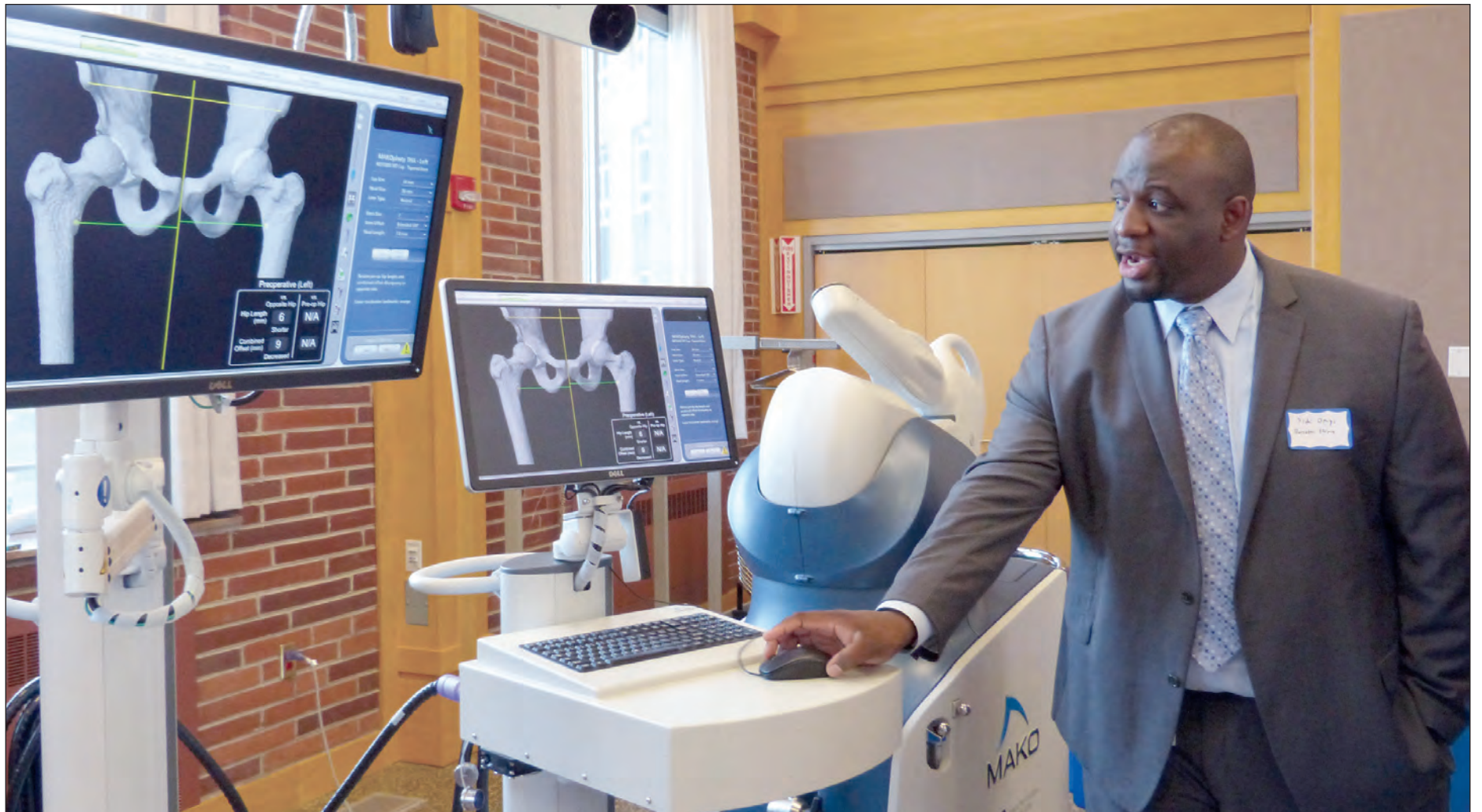
What Steve didn't know was that he would be the first hip replacement surgery at HSHS St. Anthony's Memorial Hospital done with the help of a robot.

"I never thought about robots in a hospital," Steve recalled. "But Dr. Omiyi explained everything thoroughly. I said 'you're the doctor.' It was okay with me."

The MAKO robot – named Wallie by hospital employees – arrived at St. Anthony approximately eight weeks ago.

"But we've been working over a year to obtain this technology," said Dr. Peter Bonutti. "It was quite a process to bring this in."

"It had to be tested and validated, and the nurses and staff had to be trained," Dr. Bonutti added. "And you have to have qualified surgeons."



Dr. Didi Omiyi, from Bonutti Clinic, showed how the MAKO robot works at a recent Chamber After Hours event at HSHS St. Anthony's Memorial Hospital. Here, Dr. Omiyi explains the 3D imaging capabilities of the system.

Submitted Photo

Dr. Omiyi was trained in New York and has extensive experience. He has helped drive this program."

Dr. Omiyi, who joined Bonutti Clinic in October 2014, was trained on the MAKO robot during his fellowship in Adult Reconstruction at the Insall Scott Kelly Institute for Orthopaedics and Sports Medicine at Lenox Hill Hospital in New York.

The robot can assist with partial knee replacement and full hip replacement surgeries. But the entire process is surgeon-driven and surgeon-controlled.

Each eligible patient will first get a CT scan. That info is input into a

computer and then transferred to the robot. From there, a three-dimensional image will be created and a plan developed for the exact size and position of the implant, based on a patient's personal anatomy, Dr. Omiyi explained.

"The robot sets boundaries, based on the preoperative CT and the surgeon's determined plan," Dr. Bonutti added. "And once those boundaries have been set, the surgeon can't cut bone or tissues beyond those limits."

ROBOT/C3

Alzheimer's Community
Lavender Ridge
Dignified Memory Care

Our professional caregivers are committed to creating a secure and happy environment for all the residents at Lavender Ridge
1103 N. Maple St.
Effingham
(Across from Pool)
217-342-4150

Michaela Zumbahlen, CNA

Call or stop by today!

25 years of helping Central Illinois businesses control costs & stay healthy.

Musculoskeletal Evaluations & Treatment
Workers Compensation Services
- Same Day Treatment for Acute Injuries
- Case Management Focus for Return to Work
Lab Collection & Radiology Onsite

Occupational Medicine Services
- Substance Abuse Testing Services
- Onsite MRO
- Pulmonary Function Testing
- Respiratory Fit Testing
- Vision Screening / Audiograms
- Certified DOT Examiners

BONUTTI CLINIC 217.342.3400

1303 Evergreen Ave. Suite 101
Effingham, Illinois
www.bonutticlinic.com

DOCTORS SEHY (AND) JONES
Optometrists
MEMBER VISION SOURCE NETWORK

LARGE SELECTION OF QUALITY FRAMES
STATE OF THE ART EYE EXAMS FOR ALL AGES
EARLY DIAGNOSIS AND TREATMENT OF EYE DISEASE

Robert W. Jones, OD
M. Brian Sehy, OD FAO
Matthew Jones, OD
Over 80 Years Of Complete Family Eyecare

vsp eye med Blue Cross Blue Shield

303 N. Keller Drive
217-342-2672
www.SehyAndJones.com

SINCE 1991

The Center for Jaw & Facial Surgery, P.C.

Jay I. Swanson
D.D.S., M.D., A.B.O.M.S.
Diplomate of American Board of Oral and Maxillofacial Surgery
www.jayswansondds.com

Effingham County's Only Board Certified Specialist in
ORAL & MAXILLOFACIAL SURGERY

217 **342-4444**
901 Medical Park Dr. • Suite 200 • Effingham, IL

618 **242-1444**
403 N. 42nd Street • Suite A • Mt. Vernon, IL

- Mole Removal
- Facial Fractures & Injuries
- Orthognathic Surgery (Jaw Surgery)
- Cosmetic & Functional Deformities of Face
- Malignant Disease
- Implants for Replacement of Teeth
- Oral Cancer Screening
- Temporomandibular Joint Disease
- Anthroscopy for Diagnosis and Repair of TMJ
- Anesthesia Available
- Removal of Teeth
- Facial Reconstructive Surgery
- Scar Revision Surgery