

## PRESS RELEASE

### Uintah Basin Healthcare Offering Hip & Knee Procedures Performed With Highly-Advanced Robotic Arm Technology

**February 10, 2016:** Uintah Basin Healthcare is the first in the region to offer Mako™ Robotic - Arm Assisted Surgery for Partial Knee Replacement and Total Hip Replacement procedures. The Mako offers a surgeon-controlled robotic arm system that enables accurate alignment and placement of implants.

“Accuracy is key in planning and performing both partial knee and total hip procedures,” said Dr. Gordon Olsen, Orthopedic Physician at Uintah Basin Healthcare. “For a good outcome you need to align and position the implants just right. Mako Robotic - Arm Assisted Surgery enables surgeons to personalize partial knee and total hip arthroplasties to achieve optimal results at a level of accuracy and reproducibility previously unattainable with conventional instrumentation.”

The MAKO features a patient-specific visualization system and proprietary tactile robotic arm technology that is integrated with intelligent surgical instruments. It assists surgeons in pre-planning and in treating each patient uniquely.

MAKO Partial Knee Replacement is a treatment option for adults living with early to mid-stage osteoarthritis that has not yet progressed to all three compartments of the knee. It is less invasive than traditional total knee surgery. A pre-surgical plan is created based on a CT scan of the patient’s own knee, and the surgeon uses the robotic arm during surgery to resurface the diseased portion of the knee, sparing healthy bone and surrounding tissue for a more natural feeling knee. An implant is then secured in the joint to allow the knee to move smoothly again.

During MAKO Total Hip Replacement surgery, the MAKO provides visualization of the joint and biomechanical data to guide the bone preparation and implant positioning to match the pre-surgical plan. After first preparing the femur or thighbone, the surgeon uses the robotic arm to accurately ream and shape the acetabulum socket in the hip, and then implant the cup at the correct depth and orientation. The surgeon then implants the femoral implant. MAKO offers the confidence of more accurate cup placement and accurate leg length restoration. “We are proud to be the first in the region to use this innovative technology” said Jim Marshall, President & CEO of Uintah Basin Healthcare. “It is part of our commitment to provide our community with the latest technology available and an excellent patient experience.”

To schedule a consult with an Orthopedic Physician, contact Dr. Gordon Olsen at (435) 725-7480 or Dr. Mark Hansen at (435) 725-7460. Appointments are available in Roosevelt and Vernal.

*As part of Uintah Basin Healthcare's launch of robotic-arm assisted surgery, they are holding a "Name the Robot" youth contest. All youth ages 5-18 years of age in the Uintah Basin are invited to submit an entry. Individual entries and classroom entries are allowed. The winner will be voted on by a committee. If the winner is an individual, they will receive a \$500 cash prize. If the winner is a classroom, UBH will host a classroom event valued at \$500. The winner(s) will also be featured on a billboard and in other advertising methods. All entries are due by 5:00 pm on March 3<sup>rd</sup>, 2016. To enter, visit [www.ubh.org/Mako](http://www.ubh.org/Mako) and submit your entry online!*

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Uintah Basin Healthcare is a community not-for-profit healthcare system, serving the Uintah Basin since 1944. Today, Uintah Basin Healthcare is the largest and most comprehensive rural-based independent healthcare system in the state of Utah.