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Dosher Expands Robotic Arm Assisted Surgery Program to Include Total Hip Replacement

Innovative Technology Allows Surgeons to Personalize Procedures to Each Patient

SOUTHPORT – Dosher Memorial Hospital in Southport is one of the first hospitals in the region to now offer Stryker's Mako Robotic-Arm Assisted Total Hip replacement procedures. This is the latest advancement in joint replacement surgery, which is transforming the way joint replacement procedures are performed. Dosher had launched their robotics program in early 2021 with Mako partial and total knee. "To date, the surgical team at Dosher has performed over 250 knee replacements using Mako technology," said Lynda Stanley, President and CEO of Dosher. "Due to consistent positive patient outcomes from our Mako knee cases, the Board of Trustees and Executive Team agreed that this was a program we needed to focus on and continue to grow."

Robotic-arm assisted surgery allows surgeons to create a patient-specific 3D plan and perform joint replacement surgery using a surgeon controlled robotic-arm that helps the surgeon execute the procedure with a high degree of accuracy.

"Using a virtual 3D model, the Mako System allows surgeons to personalize each patient's surgical plan, with a mapped-out strategy before the surgeon enters the operating room," said Stanley. "During surgery, the surgeon can validate that plan and make any necessary adjustments, while the robotic-arm then allows the surgeon to execute that plan with a high level of accuracy and predictability."

The Mako Total Hip application is a treatment option for adults who suffer from degenerative joint disease of the hip.

To learn more about Mako robotics hip or knee replacement surgery, visit www.Dosher.org/Robot or call 910-454-4671.

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Members of the Dosher Surgical Services Team assist in a Mako robotic hip replacement. The CT planning image on the screen creates a 3D image of the patient's anatomy to create a personalized surgical plan.