



Physician Newsletter

A publication for Physicians and Office Managers

Physicians who perform da Vinci® Surgery at The Medical Center:

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The Medical Center hosted a demonstration of the da Vinci Xi™ Surgical System on Tuesday, June 24. Physicians and staff had the opportunity to sit at the controls of the newest advancement in minimally invasive surgery.

The Medical Center Expands Robotic Surgery

The Medical Center has enhanced its robotic surgery capabilities with the purchase of the da Vinci Xi™ and the da Vinci Si-e™ Surgical Systems. The Medical Center is the first hospital in Kentucky to acquire the da Vinci Xi™ system.

The da Vinci Xi System further advances the technology used in minimally invasive surgery and allows for more complex surgical procedures.

With any da Vinci system, the surgeon is 100% in control of the robotic-assisted system, which translates his/her hand movements into smaller, more precise movements of tiny instruments inside the patient's body. The Xi System's immersive 3D-HD vision system provides surgeons a highly magnified view, virtually extending their eyes and hands into the patient. By enabling efficient access throughout the abdomen or chest, the da Vinci Xi System allows for anatomical access from virtually any position, improved vision definition and clarity, greater range of motion and greater operative reach.

While surgery with the da Vinci Xi system requires only a few small incisions, the da Vinci Si-e System allows the surgeon to operate through one small incision in the belly button known as "single-site" surgery. Used for gall bladder removal and for hysterectomy and ovary removal for benign conditions, single-site surgery provides patients with virtually scarless results, in addition to the benefits that a da Vinci surgery provides including low rate of complications, less blood loss, and minimal pain.

The Medical Center first introduced robotic surgery to Southcentral Kentucky in 2009 with the purchase of the da Vinci S Surgical System. The new systems replace the existing da Vinci system and will be used in both very simple procedures and more complex gynecological, urologic and general surgery.