

## ***J03 Robotic Urologic Surgery***

January 2009

Intro: Benign prostate hyperplasia, or BPH, is a common condition that men develop as they age. The main symptom is the need to make frequent trips to the bathroom. In extreme cases, complications such as painful bladder stones can develop. Traditional treatment for these cases meant a big incision and several days in the hospital. But now doctors are using minimally invasive robots to perform this operation. Let's go to Mayo Clinic to find out what the technology means for patients.

### **Video**

**Total running time 1:28**

**CG :04 to :06**

**Bruce Gerdts**

**Farmer**

**CG :16 to :22**

**Standup**

**Vivien Williams**

**Reporting**

### **Audio**

FARMING THESE DAYS CAN BE  
PRETTY HIGH TECH.

“EVERY TWO OR THREE YEARS  
THERE’S SOMETHING NEW OUT.”

BRUCE GERDTS USES GPS  
SYSTEMS TO MAP THE FIELDS AND  
PUSH BUTTON TECHNOLOGY TO  
OPERATE THE HARVESTER.

“IT’S ALL DONE WITH YOUR THUMB.  
THIS ONE TURNS THE AUGER ON  
AN OFF.”

BRUCE DEPENDS ON  
TECHNOLOGY TO KEEP HIS FARM  
RUNNING. AND HE CHOSE THE

**CG :30 to :35**  
**Igor Frank, M.D.**  
**Mayo Clinic urologist**

LATEST IN MEDICAL TECHNOLOGY  
TO CARE FOR HIS HEALTH.

BRUCE WENT TO MAYO CLINIC  
WHERE DR. IGOR FRANK  
PERFORMED ROBOTIC SURGERY  
TO TREAT CONDITIONS RELATING  
TO HIS ENLARGED PROSTATE.

“HE HAD A GRAND TOTAL OF  
THREE DIFFERENT CONDITIONS  
THAT NEEDED TO BE TREATED  
SURGICALLY.”

THE ENLARGED PROSTATE,  
BLADDER STONES AND A  
DIVERTICULUM, OR OUT-  
POUCHING OF HIS BLADDER WALL.

“WHEN THE PROCEDURE WAS  
DONE IN THE PAST WE WOULD  
HAVE TO MAKE AN INCISION  
BETWEEN THE BELLY BUTTON AND  
THE PUBIC BONE.”

ROBOTIC SURGERY IS MUCH LESS  
INVASIVE. THE ROBOTIC ARMS,  
EQUIPPED WITH SURGICAL

INSTRUMENTS AND A 3-D CAMERA  
ARE INSERTED INTO THE BODY  
THROUGH TINY INCISIONS. FROM A  
CONSOLE ACROSS THE ROOM DR.  
FRANK GUIDES THE ROBOTIC  
ARMS AND PRECISELY  
COMPLETES THE SURGERY.  
“RECOVERY IS A LOT QUICKER,  
THERE IS LESS PAIN.”  
AND LESS BLOOD LOSS THAN  
STANDARD SURGERY. BRUCE WAS  
ABLE TO GET BACK TO LIGHT  
WORK A FEW WEEKS AFTER HIS  
OPERATION. AND HE CONTINUES  
TO APPRECIATE TECHNOLOGY –  
BOTH ON THE FARM AND IN THE  
OPERATING ROOM. FOR MEDICAL  
EDGE, I’M VIVIEN WILLIAMS.

Anchor tag:

Dr. Frank says robotic surgery allows doctors to perform complicated surgeries that they used to think were impossible to do in a minimally invasive fashion.

And as the technology evolves, many more types of surgeries will be performed using it. Currently robotic surgery is performed in urology, gynecology, ENT and for some gastro intestinal issues.

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