

**Mayo Clinic Minute: Robotic mitral valve surgery**

| VIDEO  | AUDIO   |
|--|---|
|  | It's surgery to repair the valve leading to the largest chamber in your heart, the mitral valve.  |
| <b>Richard Daly, M.D.<br/>Cardiovascular Surgery<br/>Mayo Clinic</b> | "Normally when we do surgery, we'll make an incision in the front and go through the breastbone. That's called a sternotomy."   |
|  | But for more than a decade, heart surgeons at Mayo Clinic also have performed a less-invasive mitral valve surgery, using a robot.  |
|  | "We make small incisions over on the side between the ribs.   |
|  | We have the hands of the robot inside the chest, and they don't move by themselves. They are moved by a surgeon who sits at a console. The robot replicates that surgeon's hand movements very precisely inside the chest." |
|  | Patients treated robotically enjoy a more rapid recovery. And after performing nearly 1,000 of these procedures, the success rate at Mayo Clinic is 99%.  |
|  | "We get better visibility than with an open surgery technique, and we have equal movement of the hands and dexterity to be able to do the surgery.  |
|  | So I think this is quite an advance."   |
|  | For the Mayo Clinic News Network, I'm Jason Howland.  |