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“Outcomes for Non-Surgical Aortic Valve Replacement”

TEASE RUNS: 04 (valve in catheter, catheter going up into heart on)
 The latest on a replacing heart valves without surgery...that’s next.

JAMA 3972

TRT: 1:47

EMBARGO: 11a.m. (ET) Tuesday, March 10, 2015

INTRO: Open-heart surgery is the standard way to replace a narrowed or calcified aortic valve. For high-risk patients who may be older or have other serious medical conditions, surgery might not be an option. Newer technology now allows doctors to replace a poorly functioning aortic valve by transporting a replacement valve to the heart through a catheter. A new study examined how patients undergoing this procedure are doing one year later. Catherine Dolf has more in this week’s JAMA Report.

VIDEO	AUDIO
SOT/FULL Robert Pierce - Heart Patient Super@:01 Runs:11	“For open heart surgery, no that was not going to be done, and they said if I didn’t get it done that I had what two to four years that I could live.”
B-ROLL Wide shot of doctors over patient, cu of new valve inside catheter, catheter going up into heart	SO ROBERT PIERCE UNDERWENT A TRANSCATHETER AORTIC VALVE REPLACEMENT LIKE THIS ONE. A CATHETER INSERTED INTO THE GROIN TRANSPORTS THE NEW VALVE TO THE HEART SO IT CAN BE REPLACED WITHOUT OPEN-HEART SURGERY.
SOT/FULL David R. Holmes Jr., M.D., - Mayo Clinic	“We wanted to make sure the procedure was safe early on and effective then in the longer term.”

Super@:21 Runs:09	
B-ROLL Dr. Holmes scrubbing before procedure, Dr. Holmes and colleagues looking at computer imaging of the heart, graphic	DR. DAVID HOLMES FROM THE MAYO CLINIC AND CO-AUTHORS REVIEWED THE RECORDS OF MORE THAN 12 THOUSAND PATIENTS WHO UNDERWENT THIS PROCEDURE AND EXAMINED OVERALL OUTCOMES AT ONE YEAR. ON AVERAGE PATIENTS WERE 84 YEARS OLD AND HALF WERE WOMEN. AS A GROUP, MANY OF THE PATIENTS HAD OTHER HEART PROBLEMS, ALONG WITH POOR LUNG AND KIDNEY FUNCTION.
SOT/FULL David R. Holmes Jr., M.D., - Mayo Clinic Super@:47 Runs:16 (Video covering middle of bite: doctors doing valve procedure)	“In this group of patients at one year the mortality was 24 percent. Stroke occurred in about 4 percent of the patients at a year. If you were to look at that combined incidence of stroke and mortality at one year it was about 26, 27 percent.”
GXF FULL JAMA COVER	THE STUDY APPEARS IN JAMA, JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION.
SOT/FULL David R. Holmes Jr., M.D., - Mayo Clinic Super@1:07 Runs:10 (Video covering middle of bite: doctors doing valve replacement)	“The need for repeat hospitalizations appears to be decreased at one year in those patients that have these successful procedures. That’s a good quality of life indicator and that was better.”
B-ROLL Dr. Holmes looking at computer screen, preparation underway to begin procedure	OVERALL, MEN IN THIS GROUP HAD A HIGHER RISK OF DEATH AT ONE YEAR. WOMEN HAD A HIGHER INCIDENCE OF STROKE. ADVANCED AGE WAS ANOTHER RISK FACTOR FOR DEATH.
SOT/FULL David R. Holmes Jr., M.D., - Mayo Clinic Super@1:25 Runs:11	“We now have information as we talk with patients and as we talk with regulatory agencies to say the quality of life is better. That’s a terribly important metric that will be increasingly used.”
B-ROLL Cu of one of the valves used in the replacement, Robert on camera	SINCE THE VALVE REPLACEMENT, ROBERT’S BREATHING HAS IMPROVED AND HE IS NO LONGER HAVING CHEST PAIN.
SOT/FULL	“I’m still on the right side of the grass, thanks to this.”

Robert Pierce - Heart Patient Super@1:41 Runs:04	
B-ROLL Robert on camera	CATHERINE DOLF, THE JAMA REPORT.

TAG: STUDY AUTHORS ALSO SAY SEVERELY NARROWED OR CALCIFIED AORTIC VALVES CANNOT BE TREATED WITH MEDICATION ALONE.

Please see the complete study for additional information, including other authors, author contributions and affiliations, financial disclosures, funding and support, etc.

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ADDITIONAL SOUNDBITES:

David R. Holmes Jr., M.D., - Mayo Clinic

QUOTE 1 Runs:23

“When patients develop symptoms related to that specific valve getting too narrowed or too rigid they then have a high chance of having fainting episodes, of having what’s called heart failure with shortness of breath and not being able to get around and they may develop sudden death.”