City's 1st Jarvik heart implanted

By Jeffery Fraser

The Pittsburg Press

Thomas Goddard, the Surgeon General's first artificial heart recipient, suffered minor bleeding problems the morning and was released from surgery at Presbyterian-University Hospital. Jarvik, a 45-year old retired factory worker who was awaiting a heart transplant, had his new heart installed by a team led by Dr. Bartley Griffith, head of the surgical team, and the second operation was necessary because of an "unanticipated accumulation of fluid" in the patient's chest. Thomas Goddard, hospital spokesman, described the bleeding problem as minor, but visible to further doctors.

Jarvik removed Goddard's diseased heart and replaced it with the mechanical device in a procedure that began around 4 p.m. yesterday. Hospital officials said the implant was operating "normally.

Goddard had been transferred to Presbyterian four weeks ago from West Penn Hospital. He had been waiting for a heart transplant before the procedure gained publicity.

The operation was performed by a team of surgeons who removed the diseased heart and installed the mechanical device.

Goddard was recuperating in Presbyterian's fourth floor room when the procedure began. His condition deteriorated yesterday and doctors did not expect him to survive the operation.

The second operation was necessary because of an "unanticipated accumulation of fluid" in the patient's chest. The procedure was successful, and Goddard is expected to recover and be discharged from the hospital.

Goddard's mechanical heart, which is similar to the Jarvik-7, is also intended to be transplanted. Such devices are powered by air, which is pumped into the plastic heart chambers through hoses that terminate in the patient's chest.

Goddard was described as a large man who stood about 6 feet, 4 inches tall and weighed around 300 pounds. Because of his size, doctors said he would not be considered for a heart transplant because of his weight.

About 1% of the population, Goddard's heart condition and his age have taken a disability retirement from Knox.

Heart (from page A1)

Comparison of human heart and Jarvik-7 artificial heart

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<th>Comparison of human heart and Jarvik-7 artificial heart</th>
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<td><strong>Superior vena cava</strong></td>
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<td><strong>Right atrium</strong></td>
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Opening from right atrium | Opening to pulmonary artery | Opening to aorta | Opening from left atrium

Atriums, ventricles, connecting tubes, and other structures are shown in the diagram. The human heart is on the left, and the Jarvik-7 artificial heart is on the right.