



HOW IT WORKS

1 Lungs are taken from genetically modified pigs bred to be more compatible to humans

2 Within an hour the lungs are connected to a machine simulating the human circulation system seen after a lung transplant

3 A ventilator pumps air into the lungs to make them "breathe" while a pump circulates non-oxygenated blood through the lungs

4 Oxygen is added to the blood in the lungs. It recirculates through a filter that removes the oxygen, mimicking human circulation