Harvey currently trains thousands of learners annually at hundreds of medical centers worldwide. The all-new Harvey, the Cardiopulmonary Patient Simulator, has made some dramatic changes which result in a more portable, versatile and less costly Harvey.

The full-size manikin realistically simulates nearly any cardiac disease at the touch of a button by varying blood pressure, pulses, heart sounds and murmurs. While many upgrades have been made over the years, the current model has been dramatically updated with state-of-the-art technology and a major expansion and modification of the curriculum.

For nearly 40 years, Harvey has been a proven system to teach bedside skills that transfer to real patients. Harvey, the Cardiopulmonary Simulator, is the longest continuous university-based simulation project in medical education.

*(United States Patent Number 7,316,568)*
Harvey® Cardiopulmonary Patient Simulator

Major Changes and Upgrades

• Portable (weighs 93 lbs = 42 kg)
• Addition of Breath Sound Areas (total 6)
• Additional Cardiac Auscultation Areas (total 9)
• Additional Cardiac Diseases (total 30)
• Digitally Driven Impulses (total 12)
• Modifiable Amplitudes & Intensities
• Speaker for History-Taking
• “Flashcard” Software for Upgrades
• Interactive Computer Link to UMedic
  Saves Instructor Time
• Major Cost Reduction

Worldwide Use

Harvey trains thousands of students, residents, physicians, physician assistants, nurses and nurse practitioners annually at hundreds of medical centers.

The British Heart Foundation has placed at all 27 UK medical schools.

The American College of Cardiology Task Force on Teaching recommends for training.

The American Board of Internal Medicine uses videos of “Harvey,” and the Royal College of Canada uses “Harvey” in their skills certification examinations.

Curriculum

• Introductory Program
• Normal
• Innocent Murmur
• Aortic Valve Sclerosis
• Hypertension
• Angina Pectoris
• Acute Inferior Myocardial Infarction
• Acute Anterior Myocardial Infarction
• Ventricular Aneurysm
• Mitral Valve Prolapse (MVP)
• MVP, Isolated Click & Murmur
• Mitral Regurgitation, chronic
• Mitral Regurgitation, mild
• Mitral Regurgitation, acute
• Mitral Stenosis (MS) with severe Tricuspid Regurgitation (TR)
• MS with mild TR
• Mitral Stenosis & Regurgitation
• Aortic Regurgitation, chronic
• Aortic Regurgitation, acute
• Aortic Stenosis
• Hypertrophic Obstructive Cardiomyopathy
• Cardiomyopathy
• Acute Pericarditis

• Primary Pulmonary Hypertension
• Atrial Septal Defect
• Ventricular Septal Defect
• Patent Ductus Arteriosus
• Pulmonary Stenosis
• Coarctation of the Aorta
• Tetralogy of Fallot

Software provided covers history, bedside findings, all laboratory data, medical and surgical treatment.

Contributors – Cardiologists and Educators from:

Miami • Arizona • Chicago • Dundee • Duke • Emory • Florida • Illinois • Iowa • Mayo • Northwestern
Findings Simulated

The Cardiopulmonary Patient Simulator is capable of demonstrating all of the bedside findings shown below. Findings vary appropriately for each disease.
Multiple Learning Environments

Self-learning with Harvey linked to UMedic

Instructor in small-group session

Instructor using Harvey in lecture setting