Harvey®
THE CARDIOPULMONARY PATIENT SIMULATOR
Covered by United States Patent No. 7,316,568
THE LONGEST CONTINUOUS SIMULATION PROJECT IN HEALTHCARE EDUCATION

THE ONLY CARDIOLOGY PATIENT SIMULATOR PROVEN TO TEACH SKILLS THAT TRANSFER TO REAL PATIENTS

MAJOR FEATURES
► Portable (weighs 93 lbs=42 kg)
► 30 Cardiac Diseases
► 12 Digitally Driven Impulses
► 9 Cardiac Auscultation Areas
► 6 Breath Sound Areas
► Modifiable Amplitudes & Intensities
► Speaker for History-taking
► Special Nurses Curriculum
► Interactive Computer Link to UMedic Saves Instructor Time
► Provides Cost-effective Training

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 Harvey at 27 UK medical schools.
► The American College of Cardiology Task Force on Teaching recommends Harvey 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.

CONTRIBUTORS - Cardiologists, Nurses, Physician Assistants and Educators from:
Miami • Arizona • Chicago • Drexel • Duke • Dundee • Emory • Florida • Illinois • Indiana
Iowa • Johns Hopkins • Mayo • Northwestern • Pittsburgh • Texas Tech • Vanderbilt

Gordon Center for Research in Medical Education
Saving Lives Through Simulation Technology®
For a demonstration of Harvey, visit our website: www.gcrme.miami.edu
Contact us for information on how you can acquire Harvey
Phone: 305-243-6491 • Fax: 305-243-6136 • Email: harvey@gcrme.med.miami.edu
**FINDINGS SIMULATED**

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

Venous and Arterial Pulses

Precordial Movements

Cardiac Auscultation

Pulmonary Auscultation

**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.

**MULTIPLE LEARNING ENVIRONMENTS**

- Self-learning with Harvey linked to UMedic
- Instructor in small-group session
- Instructor using Harvey in lecture setting

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**Harvey® for Nurses**

**THE CARDIOPULMONARY PATIENT SIMULATOR**

SUPPORTED BY THE JOAN K. STOUT R.N. NURSES TRAINING PROGRAM

**THE LONGEST CONTINUOUS SIMULATION PROJECT IN HEALTHCARE**

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**THE ONLY CARDIOLOGY PATIENT SIMULATOR PROVEN TO TEACH SKILLS THAT TRANSFER TO REAL PATIENTS**

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**SPECIAL NURSES CURRICULUM**

- Developed with Nurse Experts on Simulation-Based Training
- Basic and Advanced Levels
- Nurses Learner Manual
- Nurses Instructor Guide
- Nurses Introductory Program

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- Mayo
- Northwestern
- Pittsburgh
- Texas Tech

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NURSES BEDSIDE ASSESSMENT
The nurses curriculum focuses on the findings shown below.

Blood Pressure and Arterial Pulses

Precordial Movements

Cardiac Auscultation

Pulmonary Auscultation

NURSES CURRICULUM

BASIC ASSESSMENT CASES
- Introductory Program
- Normal Patient Assessment
- Angina
- Acute Anterior Infarction

ADVANCED ASSESSMENT CASES
- Innocent Murmur
- Aortic Valve Sclerosis
- Isolated click & murmur
- Mild Mitral Regurgitation
- Severe Aortic Stenosis
- Severe Aortic Regurgitation
- Atrial Septal Defect
- Pericarditis

Pulmonary findings appropriate for each condition are also simulated.

MULTIPLE LEARNING ENVIRONMENTS

Student independent learning with Harvey
Instructor in small-group session
Instructor using Harvey in lecture setting

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