Simulator Name: HARVEY	
Simulator Type: Cardiopulmonary patient simulator, portable	
Vital Signs:	- Heart rate - Respiratory rate - Blood pressure - Pulses
Physical Assessment:	- Heart sounds : 30 different cardiac conditions - S1 First heart sound - S2 Second heart sound - S3 Third heard Sound - S4 Fourth heart sound - M Mitral component on S1 - T Tricuspid component on S1 - A Aortic component on S2 - P Pulmonic component on S2 - ES ejection sound - Auscultatory areas: - Aortic area - Pulmonary area - Tricuspid area - Mitral area - Mitral radiation - Aortic or pulmonary radiation - Carotids - Precordial movement at cardiac apex - Blood Pressure – right arm: BP configurations vary appropriately for each disease - Breath sounds: Appropriated pulmonary findings are programmed into each condition - Normal vesicular sounds - Inspiratory and expiratory crackles - Inspiratory and expiratory wheezes - Pleural rub - Chest movement and abdominal breathing - Pulses: Pulse configurations vary appropriately for each disease - Bilateral carotids pulse - Right arm brachial pulse - Bilateral femoral Pulse - Bilateral jugular venous pulse wave - Speaks through a built-in speaker - One Main-Instructor stethoscope and ten Infrared stethoscopes
Skills:	- Cardiac auscultation - Pulmonary auscultation - Blood pressure assessment - Pulse palpation
Important Information:	- <u>DO NOT GIVE CPR!</u> - Do not put pressure on abdomen - Do not attempt to move the hands or reposition the blood pressure cuff - Keep excessive care when moving to protect internal circuit and mechanics - Keep ink, marking materials, printed materials away from the skin