University of Dubuque Nursing

Preview Day 2022

Mannequin #1- Normal heart and lung sounds-Closure of the **heart** valves is associated with an audible **sound**, called the heartbeat. The first **sound** occurs when the mitral and tricuspid valves close, the second when the pulmonary and aortic semilunar valves close. Lung sounds are heard when a person takes a breath in and exhales out

Mannequin #2- Atrial Fibrillation- irregular heart sounds- a quivering or irregular heartbeat (arrhythmia) that can lead to blood clots, stroke, heart failure and other heart-related complications.

Mannequin #3- Heart murmur- an unusual sound heard between heartbeats. **Murmurs** sometimes sound like a whooshing or swishing noise. **Murmurs** may be harmless, also called innocent, or abnormal.

Mannequin #4- Friction rub- creaking or grating sounds. The **sound** has been described as similar to walking on fresh snow or a leather-on-leather type of **sound**. Usually caused by inflammation.

Mannequin #5- Crackles/Rales- **Crackles** are often associated with inflammation or infection. The sound is from air passing over fluid

Mannequin #6- Rhonchi- continuous low pitched, rattling **lung sounds** that often resemble snoring. Sound is from air passing over mucous.

Mannequin #7- Wheezes- high-pitched whistling **sound** made while you breathe. Sound is from air trying to pass through a narrow passage

Mannequin #8- Stridor- loud, high-pitched crowing **breath sound** heard during inspiration. Often you can hear it without the stethoscope. Often caused from an allergic reaction or obstruction of the airway