List of Sounds in SAM II

Heart and Breath Sound Combined
- Normal heart and breath sounds
- Mitral valve prolapse with normal breath sounds
- Aortic stenosis with crackles
- Aortic stenosis, mild with normal breath sounds
- Mitral regurgitation with crackles
- Mitral regurgitation with normal breath sounds
- Congestive heart failure
- Atrial fibrillation with normal breath sounds
- Atrial Flutter with low heart rate and PVCs.
- Fourth heart sound with respiratory variation

Pulmonary related
- Wheeze with normal heart sounds
- Coarse crackles with normal heart sounds
- Rhonchus with normal heart sounds
- Emphysema with normal heart sounds at an accelerated rate
- Lobar Pneumonia with normal heart sounds
- Chronic bronchitis with normal heart sounds
- COPD with diminished normal heart sounds
- Tactile Fremitus (palpation on posterior lung lobes) with SAM saying “99”.

Heart Sounds
- Normal Heart Sounds
- Normal Heart Sounds, Pediatric
- Normal Heart Sounds at 60, 75, 90 & 110 bpm

Heart Sounds (cont.)
- Third Heart Sound
- Fourth Heart Sound
- Physiologic splitting of second sound with lung sounds
- Paradoxical splitting of second sound with lung sounds

Mitral Sounds
- Mitral Valve Prolapse
- Mitral Stenosis
- Mitral Stenosis and Regurgitation
- Mitral Regurgitation, mild
- Mitral Regurgitation, marked

Aortic Sounds
- Aortic Stenosis, mild
- Aortic Stenosis, severe with aortic sounds in the neck
- Aortic Stenosis and Regurgitation
- Aortic Stenosis with cooing murmur
- Aortic Regurgitation
- Aortic Regurgitation, Acute
- Congenital Aortic Stenosis
- Aortic Stenosis with crackles
- Aortic Stenosis with normal breath

Pediatric Sounds
- Atrial Septal Defect with lung sounds
- Ventricular Septal Defect with thrill
- Patent Ductus Arteriosus
- Pulmonary Hypertension
- Innocent Systolic Murmur
- Tetralogy of Fallot
- Congenital Aortic Stenosis
- Stridor (breath sound)
- Eisenmenger’s Syndrome
- Summation sound
- Coarctation of the Aorta
**SAM II Sounds (Cont.)**

**Other Heart Sounds**
- Pulmonary Stenosis
- Hypertrophic Cardiomyopathy
- Acute Pericarditis
- Venous Hum

**Bruits**
- Carotid bruit (Mild I & II)
- Carotid bruit (Medium I & II)
- Renal bruit
- Thyroid bruit
- Aortic Aneurysm

**Systolic Thrills**
- Severe Aortic Stenosis
- Ventricular Septal Defect

**Tactile Fremitus**
- Tactile Fremitus (palpation on posterior lung lobes) with SAM saying “99”.

**Breath Sounds**
- Normal Vesicular Breath Sounds
- Normal Vesicular Breath Sounds – Pediatric
- Bronchial Breath Sounds
- Bronchovesicular Breath Sounds
- Tracheal Breath Sounds

**Adventitious Sounds**
- Crackles, Fine
- Crackles, Medium
- Crackles, Coarse
- Crackles, Very Coarse
- Wheeze, End-Expiratory
- Wheeze, Low-pitched (Rhonchus)
- Stridor
- Pleural Rub

**Lung Diseases or Conditions**
- Atelectasis
- Asthma, severe
- Bronchitis, chronic
- Emphysema
- Pulmonary edema
- Pneumothorax
- Pneumonia, Lobar (right lower posterior lobe)

**Other Breath Sounds**
- Bronchophony, normal & abnormal, “99”
- Pectoriloquy, whispered, normal & abnormal “1, 2, 3”
- Egophony, E to A, normal & abnormal

**Bowel Sounds**
- Normal, newborn
- Normal, 1 year old
- Normal, 4 year old
- Normal, 16 year old
- Normal, 60 year old
- Hyperactive, 2 year old
- Hyperactive, 10 year old
- Hyperactive, 16 year old
- Hyperactive Codeine
- Hypoactive Post operative
- Hypoactive Anesthesia
- Crohn’s Disease
- Diarrhea
- Irritable bowel
- Ulcerative colitis
- Borborygmus I and II