



Ganong's Review of Medical Physiology, 23rd Edition

Medical PodClass: Physiology Cases 1-75
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Case Number & Title

- 1: A Hairy Woman with Fatigue, Weakness and Weight Gain
- 2: Anorexia, Paresthesias and Paleness
- 3: Bee Sting Emergency
- 4: Cause of an Arrhythmia
- 5: College Student with Tremors with Exercise
- 6: Diabetes and Swelling
- 7: Heart Murmur
- 8: Shortness of Breath and Muscle Spasms
- 9: Stomach Pain Relieved by Eating
- 10: Syncope in Teenage Athlete
- 11: Weakness, Tanning and Pigmentation
- 12: Young Diabetic with Nausea, Vomiting and Abdominal Pain
- 13: Abdominal Pain, Heartburn, Diarrhea and Duodenal Ulcer
- 14: High Blood Pressure and Proteinuria
- 15: An Anesthesia Complication
- 16: Recent Travel to South America and Severe Diarrhea
- 17: Beta Blocker Therapy in Angina Pectoris
- 18: Hormones and Heart Failure
- 19: Productive Cough and Shortness of Breath
- 20: Unusually Smelly Stools
- 21: Weary and Ill with High Blood Pressure
- 22: Relaxed Heart during Surgery
- 23: Pregnancy and a Heart Murmur
- 24: Pregnancy and a Heart Valve Problem
- 25: Palpitations and Beta Blocker Therapy
- 26: Drooping Eyelids and Diplopia

Subject

- Cushing's syndrome
- Pernicious Anemia
- Anaphylaxis
- Atrial Fibrillation and Hyperthyroidism
- Diabetes with Hypoglycemia
- Diabetes with Nephrotic Syndrome
- Aortic Stenosis
- Hyperventilation
- Gastric Peptic Ulcer
- Long QT Syndrome
- Addison's disease
- Diabetic Ketoacidosis
- Zollinger-Ellison
- Chronic Renal Failure
- Malignant Hyperthermia, ECC
- Cholera, GI and Na⁺Glucose
- Angina Pectoris, ANS
- RAAS
- COPD
- Chronic Pancreatitis
- Chronic Renal Failure and Anemia
- Hyperkalemia
- Flow Murmur, Reynolds
- Mitral Stenosis
- Wenckebach Phenomenon
- Myasthenia Gravis

- 27: Trouble Breathing after an Auto Accident
 - 28: A Problem at High Altitude
 - 29: Infant with Respiratory Distress
 - 30: A Young Woman with Severe Chest Pain
 - 31: Antifreeze Ingestion and Unconscious
 - 32: Sweet Urine
 - 33: Leg and Chest Pain
 - 34: Heart Attack with Shock
 - 35: Heart Attack and Severe Shortness of Breath
 - 36: Teenager with an Abnormal ECG
 - 37: Wheezing and Shortness of Breath
 - 38: Frequent and Copious Urination
 - 39: Chronic Lung Disease and Ankle Swelling
 - 40: Automobile Accident
 - 41: Chest Wound, Tachycardia and Hypotension
 - 42: High Blood Pressure and Murmurs
 - 43: Very Thin and No Periods
 - 44: Muscle Cramps
 - 45: Sudden Onset of Difficulty Speaking
 - 46: Malaise and a Broken Rib
 - 47: Arthritis, Fatigue and Low Blood Pressure
 - 48: Tremor and Change in Gait
 - 49: Right Upper Quadrant Pain and Jaundice
 - 50: Pneumonia and Cyanosis
 - 51: Erectile Dysfunction
 - 52: Treatment with Cardiac Glycoside
 - 53: Joint Pain during an Airline Flight
 - 54: Exercise Rehabilitation after a Heart Attack
 - 55: Left Hand Weakness and Tremors
 - 56: College Football Player with Enlarged Breasts
- Adult Respiratory Distress Syndrome
 - Hypoxic Hypoxia
 - Acute Respiratory Distress Syndrome
 - Cocaine and Coronaries
 - Metabolic Acidosis and Anion Gap
 - Renal Glucose Handling and History
 - Deep Venous Thrombosis and Embolism
 - Cardiogenic Shock and Fick
 - Pulmonary Edema, Starling Forces
 - WPW and Normal Conduction
 - Asthma and ANS
 - Diabetes Insipidus, Free Water Clearance
 - COPD, Pulmonary Hypertension, Failure, Resistance
 - Baroreflex with Hypovolemia
 - Tension Pneumothorax
 - AI after Endocarditis, Increase Pulse Pressure
 - Anorexia Nervosa and Menstruation
 - McArdle's Disease
 - Stroke, Wernicke's and Broca's Areas
 - Renal Failure and Osteodystrophy
 - Secondary Adrenocortical Insufficiency
 - Parkinson's Disease
 - Acute Cholecystitis and Jaundice
 - Ventilation/Perfusion Mismatch
 - Erection Physiology
 - Digoxin Action
 - Sickle Cell Anemia
 - Exercise and Coronary Blood Flow
 - ALS
 - Androgens

57: A Three-Year-Old Boy with Difficulty Walking
58: High Blood Pressure in a Toddler
59: Attempted Suicide with Automobile Exhaust
60: Diagnosis of Myocardial Infarction
61: Worsening Shortness of Breath, Cough and Blue Fingers
62: Slow Pulse Rate and Unusual Neck Pulsations
63: A Murmur and Large Pulse Pressure in a Three-Year Old
64: Tired, Weak, and Feeling Cold
65: Collapse of a Marathon Runner
66: Muscle Spasms and Cramps Following Thyroidectomy
67: Jaundice and Stomach Distention
68: Electrolyte Disorder in Heart Failure
69: Ventricular Premature Beats after a Heart Attack
70: Diuretic Therapy for Extreme Shortness of Breath
71: Partial Loss of Vision

72: Trouble Swallowing, Chest Pain and Regurgitation
73: Headaches, Weakness, and High Blood Pressure
74: Diabetes in an Adult
75: Hypercalcemia

Muscular Dystrophy
Coarctation of the Aorta
CO and Hemoglobin
Troponins
Pulmonary Fibrosis
Complete Heart Block
Patent Ductus Arteriosus
Hypothyroidism
Hyperthermia and Exercise Blood Flow
Hypoparathyroidism
Alcoholic Cirrhosis
Hyponatremia
Arrhythmia
Loop Diuretic and Na-K-2Cl Mechanism
Pituitary Adenoma and Bitemporal
Hemianopsia
Achalasia
Primary Hyperaldosteronism
Insulin Resistance and Treatment
Primary Pulmonary Hypertension