

Essentials Of Pathophysiology 3rd Edition

Study Guide

Hypothermia has two main types of causes. It classically occurs from exposure to cold weather and cold water immersion. It may also occur from any condition that decreases heat production or increases heat loss. Commonly, this includes alcohol intoxication but may also include low blood sugar, anorexia, and advanced age. Body temperature is usually maintained near a constant level... f6dc37eeff

Narcolepsy People with narcolepsy typically have poor quality of sleep. The symptoms of narcolepsy include excessive daytime sleepiness (EDS), sleep-related hallucinations, sleep paralysis, disturbed nocturnal sleep (DNS), and cataplexy. leading consideration for the cause of narcolepsy type 1 is that it is an autoimmune disorder. Proposed pathophysiology as an autoimmune disease suggest Narcolepsy is a chronic neurological disorder that impairs the ability to regulate sleep-wake cycles, and specifically impacts REM (rapid eye movement) sleep f6dc37eeff

There are two recognized forms of narcolepsy, narcolepsy type 1 and type 2. Narcolepsy type 1 (NT1) can be clinically characterized by symptoms of EDS and cataplexy, and/or will have cerebrospinal fluid (CSF) orexin levels of less than 110 pg/ml. Cataplexy are transient episodes of aberrant tone, most typically loss of tone, that can be associated with strong emotion. In pediatric-onset narcolepsy, active motor... f6dc37eeff

Circulatory system Human Form, Human Function: Essentials of Anatomy & Physiology, Enhanced Edition. ISBN 978-1-28-421805-3 In vertebrates, the circulatory system is a system of organs that includes the heart, blood vessels, and blood which is circulated throughout the body. Hull, Kerry L. p. 432. It includes the cardiovascular system, or vascular system, that consists of the heart and blood vessels (from Greek kardia meaning heart, and Latin vascula meaning vessels). (2020). The circulatory system has two divisions, a systemic circulation or circuit, and a pulmonary circulation or circuit. Some sources use the terms cardiovascular system and vascular system interchangeably with circulatory system. Jones & Bartlett Learning f6dc37eeff

Hypothermia In moderate hypothermia, shivering stops and confusion increases. ISBN 0-07-138875-3. McGraw-Hill Professional. Tintinalli J (2004). 1181. 0 °C (95. °F) Hypothermia Hypothermia is defined as a body core temperature below 35. p. In severe hypothermia, there may be hallucinations and paradoxical undressing, in which a person removes their clothing, as well as an increased risk of the heart stopping. Emergency Medicine: A Comprehensive Study Guide, Sixth edition. 2014. In mild hypothermia, there is shivering and mental confusion. Symptoms depend on the temperature. 0 °F) in humans f6dc37eeff

Anaphylaxis Atlas of immunology (3rd ed. Boca Anaphylaxis (Greek: ana- 'up' + phylaxis 'guarding') is a serious, potentially fatal allergic reaction and medical emergency that is rapid in onset and requires immediate medical attention regardless of the availability of on-site treatments while not under medical care. Lewis JM, Cruse RE (2010).). Retrieved 2024-06-18. Medscape Reference. Practice Essentials, Background, Pathophysiology". It typically causes more than one of the following: an itchy rash, throat closing due to swelling that can obstruct or stop breathing; severe tongue swelling that can also interfere with or stop breathing; shortness of breath, vomiting, lightheadedness, loss of consciousness, low blood pressure, and medical shock f6dc37eeff

Migraine Exacerbation or worsening of headache symptoms during physical activity is another distinguishing feature. Preventive medications inhibit migraine pathophysiology through various mechanisms, such as blocking Migraine (UK: , US:) is a complex neurological disorder characterized by episodes of moderate-to-severe headache, most often unilateral and generally associated with nausea, and light and sound sensitivity. Other characterizing symptoms may include vomiting, cognitive dysfunction, allodynia, and dizziness. amitriptyline, and other off-label classes of medications f6dc37eeff

MVP is the most common valvular abnormality, and is estimated to affect 2–3% of the population and 1 in 40 people might have it. f6dc37eeff

Postpartum psychosis , incoherent speech), and/or abnormal motor behavior (e. Currently, the pathophysiology of PPP is not well understood and remains an open field of ongoing research. g. , catatonia). g. Symptoms may include delusions, hallucinations, disorganized speech (e. Other symptoms frequently associated with PPP include confusion, disorganized thought, severe difficulty sleeping, variations of mood disorders (including depression, agitation, mania, or a combination of the above), as well as cognitive features such as consciousness. PPP is a condition currently represented under "Brief Psychotic Disorder" in the Diagnostic and Statistical Manual of Mental Disorders, Volume V (DSM-V). of their PPP episodes. The leading theories Postpartum psychosis (PPP), also known as puerperal psychosis or peripartum psychosis, involves the abrupt onset of psychotic symptoms shortly following childbirth, typically within two weeks of delivery but less than 4 weeks postpartum f6dc37eeff

Up to one-third of people with migraine experience aura, a premonitory period of sensory disturbance widely accepted to be caused by cortical spreading depression at the onset of a migraine attack. Although primarily considered to be a headache disorder, migraine is highly heterogenous in its clinical presentation and is better thought of as a spectrum disease rather than a distinct... f6dc37eeff Modern cat food... f6dc37eeff The network of blood vessels are the great vessels of the heart including large elastic arteries, and large veins; other arteries, smaller arterioles, capillaries that join with venules (small veins), and other veins. The circulatory system is closed... f6dc37eeff Many hyperkinetic movements are the result of improper regulation of the basal ganglia-thalamocortical circuitry. Overactivity of a direct pathway combined with decreased activity of indirect pathway results in activation of thalamic neurons and excitation of cortical neurons, resulting in increased motor output. Often, hyperkinesia is... f6dc37eeff The condition

was first described by John Brereton Barlow in 1966. It was... f6dc37eeff The diagnosis of MVP primarily relies on echocardiography, which uses ultrasound to visualize the mitral valve. f6dc37eeff

Cat food H. (2013). M. Cats, as obligate carnivores, require animal protein for essential nutrients like taurine and arginine, which they cannot synthesize from plant-based sources. Journal of Veterinary Emergency and Critical Care Cat food is food specifically formulated and designed for consumption by cats. During the 19th and early 20th centuries, cats in London were often fed horse meat sold by traders known as Cats' Meat Men or Women, who traveled designated routes serving households. The idea of specialized cat food came later than dog food, as cats were believed to be self-sufficient hunters. ; Elliott, J. By the late 19th century, commercial cat food emerged, with companies like Spratt's producing ready-made products to replace boiled horse meat. "The Role of Phosphorus in the Pathophysiology of Chronic Kidney Disease" French writers in the 1800s criticized this notion, arguing that well-fed cats were more effective hunters f6dc37eeff

Mitral valve prolapse It is the primary form of myxomatous degeneration of the valve. Prolapse: Practice Essentials, Background, Pathophysiology" 2021-10-16. Criley JM, Lewis KB, Humphries JO, Ross RS (July 1966). There are various types of MVP, broadly classified as classic and nonclassic. "Prolapse of the mitral valve: Mitral valve prolapse (MVP) is a valvular heart disease characterized by the displacement of an abnormally thickened mitral valve leaflet into the left atrium during systole. In severe cases of classic MVP, complications include mitral regurgitation, infective endocarditis, congestive heart failure, and, in rare circumstances, cardiac arrest f6dc37eeff

Trauma in children Pediatric Trauma" ISBN 978-0-7637-6652-8 Trauma in children, also known as pediatric trauma, refers to a traumatic injury that happens to an infant, child or adolescent. pp. 992-1000. Aghababian, Richard (2010). Jones & Bartlett Learning. Because of anatomical and physiological differences between children and adults the care and management of this population differs. Retrieved 2010-11-06. Essentials of Emergency Medicine f6dc37eeff

Hyperkinesia Ambler, PA: Lippincott Williams & Wilkins. p. 256. Professional Guide to Pathophysiology, 3rd Edition. It is the opposite of hypokinesia, which refers to decreased bodily movement, as commonly manifested in Parkinson's disease. Hyperkinesia is a state of excessive restlessness which is featured in a large variety of disorders that affect the ability to control motor movement, such as Huntington's disease. Retrieved 20 March 2011. ISBN 978-1-60547-766-4 Hyperkinesia refers to an increase in muscular activity that can result in excessive abnormal movements, excessive normal movements, or a combination of both. Eckman, Margaret (2011) f6dc37eeff

These symptoms typically start in minutes to hours and then increase very rapidly to life-threatening levels. Urgent medical treatment is required to prevent serious harm and death, even if the patient has used an... f6dc37eeff

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