

Pediatric Clinical Examination Made Easy

Childhood cancer Journal of Clinical Oncology. doi:10. With Cancer Through Collaborative Efforts: Pediatric Oncology As a Global Challenge”;. Because new cancer treatments are not easily available in these countries. About 80% of childhood cancer cases in high-income countries can be treated with modern treatments and good medical care. Yet, only 10% of children with cancer live in high-income countries where proper treatment and care are available. Children with cancer make up only about 1% of all cancer cases diagnosed globally each year. The majority of children with cancer are in low- and middle-income countries, where it is responsible for 94% of deaths among those under 15 years old. 1200/JCO Childhood cancer is cancer in a child. For this reason, in low and mid-income countries, childhood cancer is often ignored in control planning, contributing to the burden of missed opportunities for its diagnoses and management. 33 (27): 3065–3073 5e93aed107

Despite having... 5e93aed107

Serial sevens This well-known test, in active documented use since at least 1944, was adopted as part of the mini-mental state examination (MMSE) and the Montreal Cognitive Assessment (MoCA). The test is also used in determining when a patient is becoming unconscious under anaesthetic, for example prior to major dental surgery. subtraction task; DST), where a patient counts down from seven by ones, is a clinical test used to test cognition; for example, to help assess mental status Serial sevens (or, more generally, the descending subtraction task; DST), where a patient counts down from seven by ones, is a clinical test used to test cognition; for example, to help assess mental status after possible head injury, in suspected cases of dementia or to show sleep inertia 5e93aed107

Limp Limping may be caused by pain, weakness, neuromuscular imbalance, or a skeletal deformity. Initial treatment involves pain management. A limp is the presenting problem in about 4% of children who visit hospital emergency departments. The most common underlying cause of a painful limp is physical trauma; however, in the absence of trauma, other serious causes, such as septic arthritis or slipped capital femoral epiphysis, may be present. The diagnosis of the cause of a limp is often made based on history, physical A limp is a type of asymmetric abnormality of the gait. with night sweating, easy bruising, weight loss, and pain most prominent at night. The diagnostic approach involves ruling out potentially serious causes via the use of X-rays, blood tests, and sometimes joint aspiration 5e93aed107

Ultrasonography of the kidneys is essential in the diagnosis and management of kidney-related diseases. The kidneys are easily examined, and most pathological changes in the kidneys are distinguishable with ultrasound. US is an accessible, versatile inexpensive and fast aid for decision-making in patients with renal symptoms and for guidance in renal intervention. 5e93aed107

Congenital rubella syndrome Those with congenital eye defects require care from a pediatric ophthalmologist for Congenital rubella syndrome (CRS) occurs when a human fetus is infected with the rubella virus (German measles) via maternal-fetal transmission and develops birth defects. The most common congenital defects affect the ophthalmologic, cardiac, auditory, and neurologic systems. should undergo eye examinations after birth and during early childhood 5e93aed107

Eye examination 1742-1241. x. ISSN 1368-5031. doi:10. (2016). Pediatric ophthalmology An eye examination, commonly known as an eye test, is a series of tests performed to assess vision and ability to focus on and discern objects. 1991. tb08841. Eye examinations are primarily performed by an optometrist, ophthalmologist, or an orthoptist. American Academy of Ophthalmology, ed. 1111/j. of Clinical Practice. 45 (1): 69–70. It also includes other tests and examinations of the eyes 5e93aed107

Renal ultrasound (US) is a common examination, which has been performed for decades. Using B-mode imaging, assessment of renal anatomy is easily performed, and US is often used as image guidance for renal interventions. Furthermore, novel applications in renal US have been introduced with contrast-enhanced ultrasound (CEUS), elastography... 5e93aed107

Renal ultrasonography In the adult patient, a curved array transducer with center frequencies of 3–6 MHz is used, while the pediatric patient Renal ultrasonography (Renal US) is the examination of one or both kidneys using medical ultrasound. kidney is easier to distinguish 5e93aed107

Clinical trials in India 7. 3 of ICMR guidelines requires that all researchers conducting a clinical trial must publicly document it in the Clinical Trials Registry - India. Ruffolo, M; Azzolina, D; Baldi, I (January 2019). 1 to 3. NDCTR 2019 and section 3. Indian Journal of Pediatrics Clinical trials in India refers to clinical research in India in which researchers test drugs and other treatments on research participants. “Pediatric Trials Run in India: An Analysis of Clinical Trials. gov 2006-2015”;. 7 5e93aed107

A sty and cellulitis may appear similar. A sty, however, is usually more sudden in onset, painful, and occurs at the edge of the eyelid. Cellulitis is also typically painful. 5e93aed107

Chalazion). and no eye patching required. Elsevier Health Sciences. It typically occurs in the middle of the eyelid, red, and not painful. They tend to develop gradually over a few weeks. Pediatric Physical Examination: An Illustrated Handbook (2 ed. A chalazion (; plural chalazia or chalazions) or meibomian cyst is not a cyst but a granuloma in the eyelid that results from a blocked meibomian

gland. Styte Duderstadt, Karen (2013) 5e93aed107

Epilepsy in children The epileptic seizures can be of different types depending on the part of the brain that was affected, seizures are classified in 2 main types partial seizure or generalized seizure. doctor will take a detailed history of the child, perform physical examinations, clinical laboratory tests such as blood and genetic test, and neuroimaging Epilepsy is a neurological condition of recurrent episodes of unprovoked epileptic seizures. Epilepsy is more common among children than adults, affecting about 6 out of 1000 US children that are between the age of 0 to 5 years old. Epilepsy affects children and adults of all ages and races, and is one of the most common neurological disorders of the nervous system. A seizure is an abnormal neuronal brain activity that can cause intellectual, emotional, and social consequences 5e93aed107

Medical history Most health The medical history, case history, or anamnesis (from Greek: ἀνά, aná, "open", and μνήσις, mnesis, "memory") of a patient is a set of information the physicians collect over medical interviews. For example, an ambulance paramedic would typically limit their history. The medically relevant complaints reported by the patient or others familiar with the patient are referred to as symptoms, in contrast with clinical signs, which are ascertained by direct examination on the part of medical personnel. Most health encounters will result in some form of history being taken. It involves the patient, and eventually people close to them, so to collect reliable/objective information for managing the medical diagnosis and proposing efficient medical treatments. Medical histories vary in their depth and focus. are referred to as symptoms, in contrast with clinical signs, which are ascertained by direct examination on the part of medical personnel 5e93aed107

Various government agencies and laws regulate clinical trials. The Drugs Controller General of India grants approval for clinical trials and is the top level authority which specifically oversees clinical trials. The Drugs Controller is a part of the Central Drugs Standard Control Organisation and answers to that organization. Both of those organizations answer the Ministry of Health and Family Welfare as the highest level government agency overseeing everything related to... 5e93aed107 On its own, the inability to perform "serial sevens" is not diagnostic of any particular disorder or impairment, but is generally used as a quick and easy test of concentration and memory in any... 5e93aed107 Eye examinations may detect potentially treatable blinding eye diseases, ocular manifestations of systemic disease, or signs of tumors or other anomalies of the brain... 5e93aed107 Treatment is initiated with warm compresses. In addition, antibiotic/corticosteroid eyedrops or ointment may be used. If this is not effective, injecting corticosteroids into the lesion... 5e93aed107 A chalazion may occur following a styte or from hardened oils blocking the gland. The blocked gland is usually the meibomian gland, but can also be the gland of Zeis. 5e93aed107 Health care professionals often recommend that all people should have periodic and thorough eye examinations as part of routine primary care, especially since many eye diseases are asymptomatic. Typically, a healthy individual who otherwise has no concerns with their eyes receives an eye exam once in their 20s and twice in their 30s. 5e93aed107 Once a child has their first seizure or suspect seizure, they should be referred to specialized paediatrician in epilepsy and seizures... 5e93aed107 Rubella infection in pregnancy can result in various outcomes ranging from asymptomatic infection to congenital defects to miscarriage and fetal death. If infection occurs 0-11 weeks after conception, the infant has a 90% risk of being affected. If the infection occurs 12-20 weeks after conception, the risk is 20%. Infants are not generally affected if rubella is contracted during the third trimester. Diagnosis of congenital rubella syndrome is made through a series of clinical and laboratory findings and management is... 5e93aed107

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