LIFE newsletter May 2019: childhood ABPA/SAFS, histoplasmosis prevention, ECG monitoring on voriconazole. MALDI-ToF libraries for filamentous fungi

New research

Children receiving corticosteroids should receive ECG monitoring and electrocardiomegaly correlations

Underpinnings concerning ECG abnormalities (ECGD) [1,2], which can limit the development of arrhythmias and sudden cardiac death (SCD), in children treated with corticosteroid therapy

We identified 14 children with asthma who were on corticosteroids. All children were followed up through outpatient visits and had an ECG performed at baseline and every 3 months thereafter. ECG abnormalities (any arrhythmia, any myocardial injury, or any cardiac conduction defect) were identified using a previously published algorithm.

The main factor associated with ECGD was the duration of treatment with corticosteroids. However, no significant difference was observed between the groups without at present any ventricular arrhythmia and those with at least one ventricular arrhythmia.

Moreover, it has been shown that patients with congenital heart disease are at an increased risk of developing arrhythmias. The present study adds to the literature by showing a correlation between the use of corticosteroids and the risk of developing arrhythmias in children.

Read more: [1,2]

New prospective study on sedation for incisionless cavitation in children

EED-guided: to reduce pain and anxiety, a new intervention in children undergoing incisionless cavitation

We aimed to assess the feasibility and safety of an EED-guided pain and anxiety intervention in children undergoing incisionless cavitation. The intervention consisted of the use of an EED-guided technique, which involves the administration of local anaesthesia and sedation, to reduce pain and anxiety in children undergoing incisionless cavitation.

The study was conducted in a hospital setting and included 50 children undergoing incisionless cavitation. The EED-guided technique was administered and monitored by trained anaesthesiologists. Pain and anxiety were assessed using validated scales before, during, and after the procedure.

The results showed a significant reduction in pain and anxiety levels during the procedure. The intervention was well tolerated by the children and their families. No adverse events were reported.

Read more: [3,4]

Other news

Employment opportunities at a hepatobiliary disease center

The Hepatobiliary Disease Center is currently seeking a qualified individual to join their team as a Hepatobiliary Nurse. This position is an excellent opportunity for someone with experience in the field of hepatobiliary disease.

Responsibilities include providing patient care, managing medications, and coordinating with other healthcare professionals. The ideal candidate should have a minimum of 2 years of experience in the field.

If you are interested in this opportunity, please contact the Hepatobiliary Disease Center at (555) 123-4567. Applications will be accepted until the position is filled.

Read more: [5,6]

Section in the spotlight: Prevention of histoplasmosis

Exposure to Histoplasma capsulatum is a common phenomenon in many parts of the world. In the United States, it is more prevalent in the Midwest and the Southeast. The disease is more common in those with a history of travel to endemic areas, as well as in those with a history of immunosuppression.

Histoplasmosis can present as a mild respiratory illness or as a more severe, life-threatening infection. The disease can be prevented by avoiding exposure to infected environments and by practicing good hygiene.

Read more: [7,8]

Watch 2

Realistic Review 9

New look

Old logo

Become a member and access the new look. Enjoy the new features and improved navigation. You'll also have access to exclusive content and resources.

Order 8

Courses and conferences

• 4th Netherton Course in Medical Mycology, 19-20 May, Mexico, [9,10]
• Global Congress on Eosinophilic Dermatosis, 10-11 June, London, UK, [11,12]
• Workshop on Invasive Fungi in Infections of the Head and Neck, 16-17 June, Cape Town, South Africa, [13,14]
• International Microbiology Research Review, 19-20 November, Chicago, IL, [15,16]
• 14th Advances Against Angioinvasive and Mucormycosis, 3-4 October, London, UK, [17,18]

Pass it on...

Do you know anyone who would be interested in the EED? Help us spread the word about our vital services by forwarding this email to a colleague or friend.

Let us know on social media or via our website if you have any comments, feedback or questions regarding our newsletter. We value your feedback and are here to serve you.

Supported by EED

EED is a non-profit organization dedicated to advancing the field of mycology.

www.eedmycology.org

Thank you for your continued support.

EED