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Pen-Yi Lin, MD; Tzou-Yien Lin, MD; Yhu-Chering Huang, MD, PhD;
Kuo-Chien Tsao, MSc; Ya-Ling Huang, MSc
Human metapneumovirus (hMPV) was first reported in 2001 as a cause of respiratory tract infection in children. The infection caused by this virus has never been reported in Taiwan. We report on six cases of human metapneumovirus infections out of 116 children with community-acquired pneumonia. All of these patients had evidence of coinfection (3 *S. pneumoniae*, 2 *Mycoplasma pneumoniae*, 1 *Chlamydia pneumoniae*). Human metapneumovirus most likely predisposes to secondary bacterial pneumonia in children.
- 689** **Comparison of Directional Coronary Atherectomy-Based Intervention and Stenting Alone in Ostial Lesions of the Left Anterior Descending Artery**
Chang-Min Chung, MD; Shigeru Nakamura, MD; Osamu Katoh, MD
The development of ablative technologies and stents has significantly affected the outcomes of percutaneous intervention for left anterior descending artery (LAD) ostial lesions. This study retrospectively compared the results of a directional atherectomy (DCA)-based intervention and stenting alone on ostial lesions of the LAD, and the effects on the left circumflex artery (LCX) ostium. The DCA-based strategy seemed to be superior as compared to stenting alone both in terms of acute and late target lesion revascularization and in terms of the risk of plaque shifting. The best results however were obtained when optimal DCA was combined with stenting.
- 699** **Levels and Value of Soluble P-Selectin Following Acute Myocardial Infarction: Evaluating the Link between Soluble P-selectin Levels and Recruitment of Circulating White Blood Cells and the Marker for the Rapid Diagnosis of Chest Pain**
Cheng-An Chiu, MD; Chiung-Jen Wu, MD; Cheng-Hsu Yang, MD; Chih-Yuan Fang, MD;
Yuan-Kai Hsieh, MD; Chi-Ling Hang, MD; Wei-Chin Hung, MD; Chien-Jen Chen, MD;
Shyh-Ming Chen, MD; Teng-Hung Yu, MD; Kuo-Ho Yeh, MD; Morgan Fu, MD;
Hon-Kan Yip, MD
To determine plasma levels of sP-selectin, blood samples were obtained before coronary angiographic examination from 142 consecutive patients with ST-segment elevated acute myocardial infarction (AMI) of onset < 12 h. The plasma level of sP-selectin and the circulating white blood cell (WBC) count were significantly higher in patients with AMI than in either the risk control or healthy subjects (p values < 0.0001). Additionally, there were no significant differences in plasma levels of sP-selectin (p > 0.10) in three intervals from the start of chest pain to blood sample collection (< 180 min, \geq 180 < 360, and \geq 360 < 720) following AMI.
- 708** **The Effect of Supplementation of Docosahexaenoic Acid and Arachidonic Acid on Visual Acuity and Neurodevelopment in Larger Preterm Infants**
Po-Chiung Fang, MD; Hsi-Kung Kuo, MD; Chung-Bin Huang, MD; Tan-Yung Ko, MD;
Chih-Cheng Chen, MD; Mei-Yung Chung, MD
Twenty-eight preterm infants with a gestational age between 30 and 37 weeks were enrolled in this double blind, randomized, comparative study to observe the effect of infant formula supplemented with DHA and AA

on visual acuity and cognitive development after 6 months intervention. The results showed possible benefits in the neurodevelopment of larger preterm infants given formula supplemented with DHA and AA.

716 Leprosy in the Department of Dermatology, Chang Gung Memorial Hospital at Kaohsiung from 1988 to 2004: A Clinical and Histopathologic Study of 13 Cases

Cheng-Yu Wang, MD; Po-Han Huang, MD; Yu-Wen Cheng, MD; Ji-Chen Ho, MD; Wen-Chieh Chen, MD

In this study, we reviewed and analyzed 13 cases diagnosed as leprosy at the Department of Dermatology, Chang Gung Memorial Hospital at Kaohsiung from 1988 to 2004. With increasing numbers of foreign laborers and immigrants living in Taiwan in recent years, leprosy seems to have become a challenging diagnosis for younger dermatologists. Dermatologists should keep this ancient disease in mind and not overlook it. Because of the necessity for prolonged medication, complete treatment and long-term follow-up of leprosy will remain a major public health problem.

CASE REPORTS

724 Bronchoscopic Electrocautery for Palliation of Post-anastomotic Tracheal Stricture in a Patient with Complete Tracheal Transection Following Blunt Chest Trauma

Yu-Hsiu Chung, MD; Hung-I Lu, MD; An-Shen Lin, MD; Meng-Chih Lin, MD

There are many strategies available for the treatment of palliation of airway obstruction due to a benign or malignant condition. We present a rare case of post-anastomotic tracheal stricture after surgical repair of complete tracheal transection that was subsequently relieved by bronchoscopic electrocautery (BE). The successful restoration of airway patency in this case demonstrates the potential value of this therapeutic technique.

730 The Rehabilitation Outcome of Spinal Meningioma Induced Proprioception Deficit

Wen-Chin Tai, MD; Ya-Ping Pong, MD; Hsiang-Chun Yeh, OT; Chi-Wei, Huang, MD; Yiu-Chung Lau, MD

This rare example of extra-intramedullary meningioma involving the posterior column showed excellent post-operative rehabilitation outcomes using adequate and satisfactory physical training. Four easy and useful methods were used that may allow further statistical analysis of patients with similar symptoms without demanding time consuming batteries of tests.

735 Diagnosis of Nodal Langerhans Cell Histiocytosis by Fine Needle Aspiration Cytology

Li-Yu Lee, MD; Chung-Jan Kang, MD; Yi-Yueh Hsieh, MD; Swei Hsueh, MD

Langerhans cell histiocytosis is a rare disease, especially when confined to the lymph nodes. Fine needle aspiration cytology of LCH of the lymph nodes has rarely been described. A case study of LCH of the lymph nodes in a 23-year-old man is presented. The presence of LCs with nuclear grooves and eosinophils suggests LCH.

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