The Cytokine Activity of HMGB1 - Extracellular Escape of the Nuclear Protein
Nian-Kang Sun, PhD; Chuck C.-K. Chao, PhD

Human Metapneumovirus and Community-Acquired Pneumonia in Children
Pen-Yi Lin, MD; Tzou-Yien Lin, MD; Yhu-Chering Huang, MD, PhD; Kuo-Chien Tsao, MSc; Ya-Ling Huang, MSc

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

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

The Effect of Supplementation of Docosahexaenoic Acid and Arachidonic Acid on Visual Acuity and Neurodevelopment in Large 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

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

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

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

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

INSTRUCTIONS TO AUTHORS
Human Metapneumovirus and Community-Acquired Pneumonia in Children
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.

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.

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, ≥ 180 < 360, and ≥ 360 < 720) following AMI.

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; Yu-Chung Lau, MD
This rare example of extra-intramedullary meningioma involving the posterior column showed excellent postoperative 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-Yuch 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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673 核蛋白 HMGB1 的細胞激素活性
孫念康 趙清貴

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683 人類間質肺炎病毒感染引起之社區性肺炎
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689 比較冠狀動脈粥狀切除術及直接的支架植入於用於冠狀動脈左前降枝開口端的病變的
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716 高雄長庚紀念醫院皮膚科 1988 至 2004 年間 13 例癲癲病之臨床與組織病理研究
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730 脊椎間盤病骨科治療後之骨感症狀失確診術後
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735 局部淋巴瘤的 Langerhans 氏組織球病增加症
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740 長庚醫學雜誌投稿須知

本誌榮獲 83、85-93年度中華民國行政院國家科學委員會優良期刊獎