

Chang Gung Medical Journal

CONTENTS

CASE REPORTS

- 1 Synergism Between Mindfulness Meditation Training, and Eye Movement Desensitization and Reprocessing in Psychotherapy of Social Phobia**
Tzan-Fu Sun, MD; Nien-Mu Chiu, MD
A psychiatric outpatient with long-term Social Phobia (SP) was treated successfully with a combination of Eye Movement Desensitization and Reprocessing and Mindfulness Meditation Training (MMT). The two therapies may be synergistic and useful in treating SP. Highly-motivated patients may benefit from brief MMT.
- 6 Double Aneuploidy: Trisomy 18 and XXY in a Boy**
Jia-Woei Hou, MD, PhD
Klinefelter syndrome with non-mosaic trisomy 18 (48, XXY/+18) in the same individual is a very rare aneuploidy syndrome. A male newborn presented manifestations of Edwards syndrome, resulting from de novo 18 trisomy with an additional X in the karyotype. Karyotyping from the peripheral blood led to the diagnosis of 48, XXY/+18, which was confirmed by a Fluorescent In Situ Hybridization (FISH) study. This patient remained alive at 21 months. The coexistence of Klinefelter syndrome (XXY) with Edwards syndrome may have contributed to the development of normal height and absence of microphthalmia in this patient.
- 13 A Case Report of Papillary Carcinoma Arising from a Thyroglossal Duct Cyst**
Hou-Yu Su, MD; Shir-Hwa Ueng, MD; Tsan-Long Huang, MD
An anterior neck nodule was found in a 32-year-old female patient. The nodule was 2.5 cm in size and occupied the upper midline of the thyroid cartilage. Preoperative ultrasound with fine needle aspiration revealed a benign cyst. The patient received complete excision of the cyst. The histopathological study revealed primary papillary carcinoma within a thyroglossal duct cyst. Postoperative radioiodine scanning revealed no cold nodules. Serum thyroglobulin was below the reference range. The patient received follow-up as an outpatient for six months.
- 17 An Umbilical Mass as the Initial Presentation of Pancreatic Carcinoma**
Jun-Te Hsu, MD; Chin-Yew Lin, MD; Yi-Yin Jan, MD; Han-Ming Chen, MD, PhD; Miin-Fu Chen, MD
A 71-year-old woman presented with an umbilical ulcerative mass that was diagnosed as an adenocarcinoma after excision. Abdominal computed tomography and immunohistochemical staining for carbohydrate antigen 19-9 of the umbilical mass specimen confirmed the diagnosis of pancreatic head carcinoma with umbilical metastasis. The patient received double bypass surgery one month later due to the development of obstructive jaundice and cholangitis. She expired 4.5 months after the last surgery due to progression of the disease.
- 21 Ruptured Angiomyolipoma with Fatty Tumor Thrombus of the Renal Vein and Inferior Vena Cava**
Ching-Hwa Yang, MD; Pei-Hui Chan, MD; Siu-Kei La, MD; Kuan-Ming Chiu, MD
Renal angiomyolipomas (AML) are relatively common tumors that are easily diagnosed by their fatty tissue content from computed tomography. However, a simultaneous involvement of the kidney, renal vein or inferior vena cava (IVC) is uncommon and might be confused with a metastasizing malignant tumor. This type of AML has increased growth rates and might develop symptoms or potentially life-threatening hemorrhage that requires surgery. We present a spontaneously ruptured AML with fatty tumor thrombus in the renal vein and IVC.
- 25 Inadvertent Eyelid Irritant Contact Dermatitis from Hypoallergenic Surgical Tape**
T. Y. Chuang, MD; Allen H. L. Li, MD; M. W. Yang, MD; Peter C. H. Chung, MD; P. W. Lui, MD
Taping the eyelids closed with surgical tape is routinely performed to protect patients' eyes during general anesthesia.⁽¹⁾ Although hypoallergenic products are often used for this purpose, allergic or irritating reactions do still occur. We report a case of irritant contact dermatitis after application of such tape. Use of chemical peeling agents might have been a contributing factor.^(2,3)
- 29 Central Nervous System Candidiasis Presenting with Persistent Brain Parenchymal Microabscess in a Premature Infant**
Hsin-Yueh Hsu, MD; Hsin-Chun Huang, MD; Chia-Lu Wu, MD; Chih-Lu Wang, MD; Chieh-An Liu, MD
We describe a premature neonate who suffered from systemic candidal infection with brain parenchymal

microabscess formation. The patient survived after antifungal treatment but had delayed neurodevelopmental outcome. Physicians should be more alert to the early diagnosis of fungal infection in premature babies as central nervous system candidal infection can result in neurodevelopmental delay in such infants.

35 Acute Hepatitis C Infection without Anti-HCV Antibody in a Chronic Hemodialysis Patient

Yi-Jung Lee, MD; Chiz-Tzung Chang, MD; Mai-Szu Wu, MD

Hepatitis C virus (HCV) infection may cause significant morbidity and mortality among patients with end stage renal disease under maintenance hemodialysis. We present a patient with seronegative HCV infection with subtle clinical symptoms and slightly elevated liver enzymes. The results of the report reveal that reverse transcriptase polymerase chain reaction for HCV RNA was helpful in diagnosis of low viral load seronegative acute HCV infection in this hemodialysis patient.

39 Intraoperative Hypokalemia Leading to Diagnosis of Adrenal Adenoma

Shih-Chang Tsai, MD; Hung-Pin Liu, MD; Jawl-Shan Hwang, MD; Jing-Ru Hsieh, MD; Teresa Kit-Man Wong, MD

Aldosterone-producing adrenal adenomas are rare and their discovery during anaesthesia is especially unusual. We report a case of severe hypokalemia that was discovered during general anaesthesia and subsequently diagnosed as primary hyperaldosteronism. Surgical treatment proved successful.

43 Acute Fatal Hemothorax Following Placement of a Subcutaneous Implanted Port in a Cancer Patient

Ming-Hung Shih, MD; Chao-Tsen Hung, MD; Chih-Chung Lin, MD, PhD; Ping-Wing Lui, MD, PhD

The placement of subcutaneous implanted ports has become a common procedure in the management of cancer patients. We report on a patient with cachexia associated with endometrial cancer, who died of acute hemothorax following placement of a subcutaneous implanted port.

47 Moving the Blood and Transforming Stasis for Chronic Subdural Hematoma

Liang-In Liu, MD; Helen Chang, MD; Lung Chan, MD

A 44 year-old female had history of head injury without neurological symptoms. CT scan of brain 12 weeks after the injury showed a chronic subdural hematoma over right fronto-parietal lobe. Chinese herbs were given to moving the blood and transforming stasis. The subdural hematoma resolved 2 months after beginning herbal therapy.

54 Water Intoxication during Transcervical Electrosurgical Resection of Uterine Myoma

Chih-Chung Tsai, MD; Chian-Lang Hong, MD; Ham-See Chung, MD; Ming-Shan Chen, MD; Chung-Hang Wong, MD

Transcervical electrosurgical resection (TCR) is usually performed for patients with chronic menorrhagia caused by submucous leiomyomas. We report a case of severe intraoperative hyponatremia resulting from water intoxication during TCR.

59 Renal Cell Carcinoma Metastases in the Head and Neck

Hsiang-Che Huang, MD; Kai-Ping Chang, MD; Tsung-Ming Chen, MD; Kwai-Fong Wu, MD; Shir-Hwa Ueng, MD

Four cases of metastatic renal cell carcinoma (RCC) in the head and neck were reviewed at Chang Gung Memorial Hospital. The metastatic sites included the basal region of the tongue, parenchyma of bilateral parotid glands, bilateral thyroid glands with left cervical lymphadenopathy, and frontal scalp. Treatment of the metastatic lesions included tumor resection, and palliative chemotherapy and radiotherapy. Previous reports suggest that resection of the metastatic lesions provides symptom relief and improves quality of life.

66 Recurrent Life Threatening Massive Hemoptysis as a Presentation of Pulmonary Actinomyces

Kuo-Chin Kao, MD; Yao-Kuang Wu, MD; Chung-Chi Huang, MD; Meng-Jer Hsieh, MD; Ying-Huang Tsai, MD

An 81-year-old woman suffered from massive hemoptysis with hypotension, histopathological examination following unilateral pneumonectomy. After treatment for bradycardia and respiratory failure, the initial diagnosis was necrotizing pneumonia using chest x-ray and computed tomography. Another two episodes of life-threatening massive hemoptysis recurred and pulmonary angiography with embolization failed to stop the bleeding. Surgical intervention was performed due to uncontrolled recurrent massive hemoptysis. Pulmonary actinomyces was diagnosed using penicillin. The patient was discharged without complications. Physicians should be aware that recurrent life-threatening massive hemoptysis may be a presentation of pulmonary actinomyces.

- 71 An Intraosseous Capillary Hemangioma Of The Foot In A Child**
Kah-Wai Ngan, MD; Hui-Ling Hsu, MD; Shir-Hwa Ueng, MD
Intraosseous hemangioma accounts for about 1% of all primary osseous tumors. A case of intraosseous capillary hemangioma of an 8-year-old boy with the initial presentation of an osteolytic lesion in the right fourth metatarsal bone, a considerably rare location, is reported. An intraoperative frozen section would be helpful in order to avoid ineffective and excessive treatment of intraosseous hemangioma.
- 76 Prosthodontic Procedures for an Implant-Supported Maxillary Full-Arch Fixed Prosthesis Opposing Mandibular Implant-Supported Fixed Prostheses**
Yu-Hwa Pan, DDS, MS; Lance R. Ramp, DMD, PhD; Ching-Kai Lin, DDS; Yu-Fu Shen, DDS; Perng-Ru Liu, DDS, DMD, MS
Implant placement for maxillary full-arch fixed prostheses represents a challenge for surgeons due to the inherent structural limitations of the existing premaxillary ridge and maxillary sinus. A 56-year-old female presented at the Graduate Prosthodontic Clinic at the University of Alabama at Birmingham for extraction of 5 periodontally hopeless mandibular teeth and placement of 11 Steri-Oss root form implants (8 maxillary and 3 mandibular). Screw-retained provisional restorations were fabricated by means of a pick-up impression technique to evaluate esthetics, vertical dimension of occlusion, and to establish anterior guidance. Cement-retained definitive restorations were fabricated and subsequently cemented in place using an acrylic/urethane-based provisional cement (ImProv).
- 85 Amniotic Membrane Transplantation for Exuberant Bleb Following Filtration Surgery**
Lan-Hsin Chuang, MD; Chi-Chun Lai, MD; Shiu-Chen Wu, MD; Henry, Shen-Lih Chen, MD; Wan-Chen Ku, MD
We report a case with an exuberant bleb following filtration surgery. Previously, the lesion eye had undergone advancement of conjunctiva for bleb leakage. The other eye was aphakic and the retina was totally detached with secondary glaucoma. Consequently, cyclocryotherapy was performed. Since preserved human amniotic membrane has been applied numerous in ocular reconstruction, amniotic membrane transplantation after excising the large bleb was considered. Vision and function of the filtration remained stable after surgery.
- 90 Multifocal Demyelinating Leukoencephalopathy Induced by Levamisole Therapy**
Hsiu-Ping Chang, MD; Hung-Chou Kuo, MD; Tzu-Chen Yen, MD, PhD; Chin-Chang Huang, MD
We report the clinical manifestations of two patients with multifocal demyelinating leukoencephalopathy after levamisole treatment. Brain magnetic resonance imaging changes may correlate well with the clinical features and neuropsychological findings. Early steroid treatment is crucial and the neurotoxic effect of levamisole is not dose-dependent and may be idiosyncratic or immune-mediated.
- 97 Acute Reversible Orthostatic Hypotension in A Young Woman with Systemic Lupus Erythematosus**
Chung-han Yang, MD; Shih-ching Lee, MD; Lieh-bang Liou, MD, PhD
A young woman with systemic lupus erythematosus (SLE) and hypokalemic distal (type I) renal tubular acidosis suffered from acute symptomatic orthostatic hypotension. She did not improve following the correction of the metabolic acidosis and hypokalemia. Magnetic resonance imaging of brain produced no significant information. However, a magnetic resonance spectroscopy of the brain revealed a decrease in the N-acetylaspartate/Creatine (NAA/Cr) ratio of putamen. Finally, the patient's orthostatic hypotension recovered after corticosteroid treatment. Causes involving the central nervous system should be considered in patients with SLE and orthostatic hypotension.
- 103 Symmetrical Femoral Neuropathy and Rhabdomyolysis Complicating Carbon Monoxide Poisoning**
Shih-Hua Kuo, MD; Chau-Peng Leong, MD; Lin-Yi Wang, MD; Yu-Chi Huang, MD
Peripheral neuropathy following carbon monoxide (CO) poisoning has rarely been reported. Rhabdomyolysis due to CO poisoning is also rare. The report focuses on a patient with symmetrical femoral neuropathy and rhabdomyolysis associated with CO poisoning. A male was admitted to hospital in a deep coma following CO poisoning. On admission, rhabdomyolysis was also identified. After receiving hyperbaric oxygen, he regained consciousness, but bilateral hip flexors and knee extensors were still weak. Nerve conduction examination and electromyography results indicated symmetrical femoral neuropathy. His lower limb muscle power improved from 2/5 to 4/5 after a rehabilitation program.

長 庚 醫 誌

病歷報告

- 1 以內觀禪訓練強化動眼減敏重整療法對社交畏懼症的療效
孫讚福 邱念睦
- 6 雙非常數染色體：三染色體十八症及XXY於一男孩
侯家瑋
- 13 乳頭狀上皮癌存在於甲狀舌咽管囊腫
蘇厚有 翁世樺 黃燦龍
- 17 以肚臍腫瘤為起始表現的胰臟癌
徐潤德 林進耀 詹益銀 陳漢明 陳敏夫
- 21 腎臟的肌肉血管脂肪過誤瘤發生破裂合併腎靜脈及下腔靜脈的栓塞
楊清華 陳沛輝 黎兆祺 邱冠明
- 25 低過敏外科膠帶引起眼瞼刺激性的接觸性皮炎
莊聰元 李漢倫 楊敏文 鍾志豪 呂炳榮
- 29 早產兒中樞神經念珠菌感染造成腦部實質微小膿瘍變化
許馨月 黃新純 吳家祿 王志祿 劉健安
- 35 透析病人合併C型肝炎抗體陰性之急性C型肝炎感染
李怡蓉 張志宗 吳麥斯
- 39 手術麻醉中非預期低血鉀導致醛固酮腺瘤的發現
蔡時彰 劉宏濱 黃兆山 謝敬儒 黃潔文
- 43 癌症病人於皮下植入中央靜脈人工血管裝置後發生急性致命血胸
施明宏 洪鈞辰 林志中 呂炳榮
- 47 活血化癥法治療慢性硬膜下血腫
劉亮吟 張之申 陳龍
- 54 以經子宮頸電燒切除術切除子宮內膜下平滑肌瘤導致發生水中毒
蔡志忠 洪健朗 鍾涵濡 陳明山 黃仲衡
- 59 腎細胞癌轉移至頭頸部
黃祥哲 張凱評 陳聰明 吳桂方 翁士樺
- 66 肺部放線菌病以反覆危及生命的大咳血來表現
高國晉 吳耀光 黃崇旂 謝孟哲 蔡熒煌
- 71 小孩的足部骨內血管瘤
顏嘉慧 徐惠玲 翁世樺
- 76 上顎全牙弓合併下顎部份人工植牙支持固定式義齒之贖復步驟
潘裕華 Lance R Ramp 林敬凱 沈裕福 劉朋儒
- 85 青光眼術後過大濾泡進行羊膜移植
莊蘭馨 賴旗俊 吳秀琛 陳賢立 古婉珍
- 90 因levamisole治療引起多發性脫髓鞘白質病變
張秀萍 郭弘周 閻紫宸 黃錦章
- 97 一位全身性紅斑狼瘡婦女發生急性可逆姿態性低血壓
楊宗翰 李蒔青 劉烈邦
- 103 一氧化碳中毒所致對稱性股神經病變及橫紋肌溶解症
郭士華 梁秋萍 王琳毅 黃郁琦