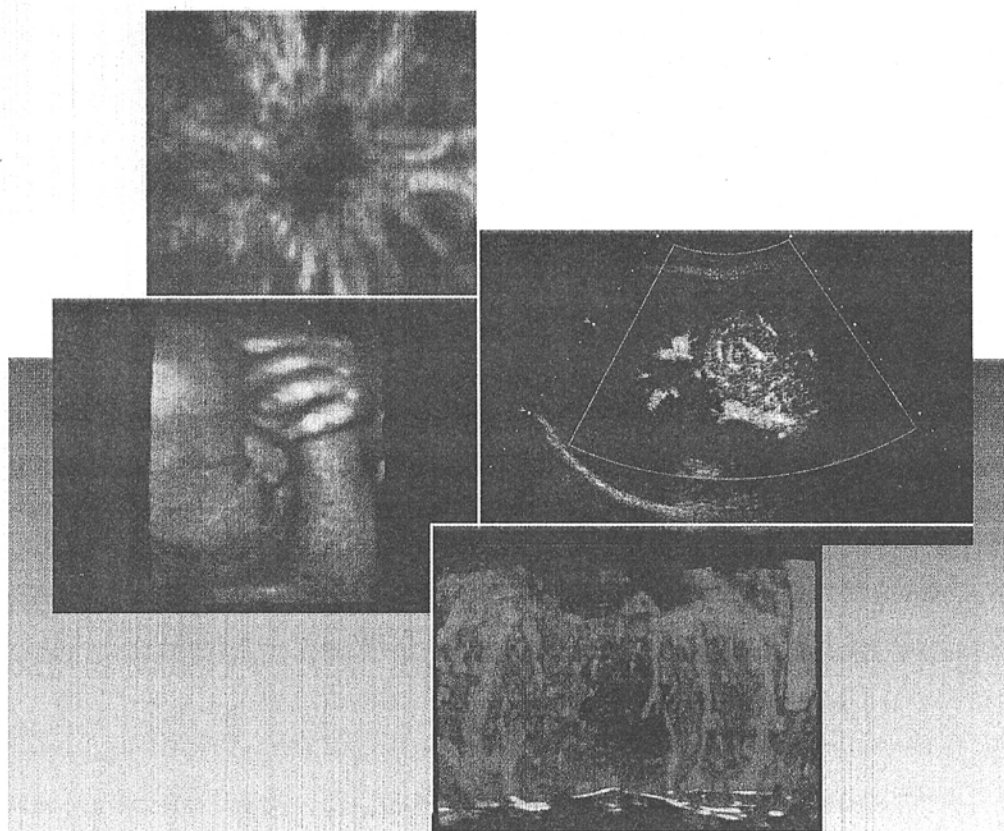


# 中華民國醫用超音波學會

Taiwan Society of Ultrasound in Medicine



**Official Proceeding of the 2011 Annual Convention**



## Sonography of Asymptomatic Primary Hepatic Tumor in An Infant

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**Background:** Sonography was a useful investigation of primary hepatic tumors in the infancy. Infantile hemangioendothelioma is the most common hepatic vascular tumor in infancy, with a prevalence of 1%. The sonographic feature of this condition has been described as multiple well-defined isoechoic masses with hypoechoic rims. We present the sonographic finding of one case with asymptomatic hemangioendotheloma.

**Case Report:** A 25-day-old female baby presented with non-bilious vomiting for 2 days was transferred to our hospital from a local clinic. Plain film of abdomen revealed no specific findings except fecal materials impaction. There were unremarkable findings on physical examination except distended abdomen. Multiple hypoechoic masses (the largest one: 3.8×1.4cm) with internal blood flow were incidentally found, and abdominal computed tomography demonstrated a multifocal vascular process and allowed the diagnosis of infantile hepatic hemangioendothelioma to be made without the use of more invasive diagnostic procedures. The cardiac echogram showed no specific findings and no high-output congestive heart failure. Then the patient treated with supportive care and discharged under stable condition without oral corticosteroids. At age 10 months, a follow-up sonogram revealed regression of the hepatic masses. Discussion: Sonography is a useful and convenient method for diagnosis of primary hepatic tumor, such as hemangioendothelioma, hepatoblastoma, hepatocarcinoma and cystic mesenchymoma. Hemangioendotheloma is a low grade malignant vascular tumor, and the management of it is controversial. Asymptomatic lesions can be followed up, using serial sonography to visualize the anticipated spontaneous regression.

# 2011

Annual Convention of  
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100年10月22-23日  
台大醫學院基礎醫學大樓  
台北市仁愛路一段一號

## 節目手冊

## PROGRAM

[www.sumroc.org.tw](http://www.sumroc.org.tw)

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2011 Annual Convention of Taiwan Society of Ultrasound in Medicine

論文口頭報告競賽

Free Paper – Oral Presentation Competition

小兒科+小兒內分泌

10月23日 AM (Sun) Room 502

評審委員: 林隆煌主任 國泰醫院  
陳銘仁主任 馬偕醫院

時間 Time	題目 Topic/演講者 Speaker
08:30-08:42 O01	The Usefulness of Ultrasonography for Detection of Congenital Duodenal Web in Children: Report of 22 Cases 林信宏醫師 Hsin-Hong Lin 署立基隆醫院
08:42-08:54 O02	Pediatric Chest Sonography in Lobar Pneumonia with Empyema ---With Emphasis on Real Time Dynamics 唐家婉醫師 Chia-Wan Tang 高雄榮民總醫院
08:54-09:06 O03	Sonography of Asymptomatic Primary Hepatic Tumor in An Infant 林建亨醫師 Chien-Heng Lin 仁愛醫療財團法人大里仁愛醫院
09:06-09:18 O04	Non-invasive Total Obliteration of A Giant Femoral Artery Pseudoaneurysm After Cardiac Catheterization by Sono-guided Staged Manual Plus Mechanical Compression 林竹川醫師 Lin Chu-Chuan 高雄榮總
09:18-09:30 O05	Parathyroid Adenoma in A Child Presented with Repetitive Urolithiasis 李佩育醫師 Pei-Yu Lee 中山醫學大學附設醫院
09:30-09:42 O06	Ultrasonography of Bacillus Calmette-Guérin (BCG) Related Axillary Tuberculous Lymphadenitis: A Case Report 陳智維醫師 Jhih-Wei Chen 中山醫學大學附設醫院

(評審委員依姓氏筆劃順序排列)

論文口頭報告競賽

Free Paper – Oral Presentation Competition

神經科+骨骼肌肉系統學

10月23日 AM (Sun) Room 502

評審委員: 邱宏仁主任 台北榮民總醫院  
鄭建興主任 Jiann-Shing Jeng 台大醫院

時間 Time	題目 Topic/演講者 Speaker
09:42-09:54 O07	Association of Anthropometric Measurements with Components of Metabolic Syndrome and Carotid Intima-media Thickness in Young Healthy Individuals 陳廷耀醫師 Teng Yeow Tan 高雄長庚醫院
09:54-10:06 O08	Factors Associated with Temporal Bone Window Failure Using Transcranial Color-Coded Sonography 陳廷耀醫師 Teng Yeow Tan 高雄長庚醫院
10:06-10:18 O09	Ultrasound Findings of Various Brain Tumors: The Evaluation of Brain Tumors with Intra-operative Ultrasound during Brain Tumor Surgery 陳建華醫師 Chien-Hua Chen 台中榮民總醫院
10:18-10:30 O10	Minimally Invasive Ultrasound-guided Synovial Biopsy Using Super-Core Biopsy Instrument : The Experience in A Medical Center 賴國隆醫師 Kuo-Lung Lai 台中榮民總醫院
10:30-10:42 O11	Using Contrast-enhanced Ultrasound for Assessing Vascularity in Tendinopathy by Using A Rabbit Model 張凱閔醫師 Ke-Vin Chang 台大醫院
10:42-10:54 O12	Spontaneous Shoulder Hemarthrosis in A Mildly Hemophilic Boy 謝嘉娟醫師 Chia-Chuan Hsieh 三軍總醫院

(評審委員依姓氏筆劃順序排列)