

## Editorial

- 1 Chemotherapy-induced Gonadotoxicity  
*Peng-Hui Wang, Hsiang-Tai Chao, Kuan-Chong Chao*

## Review Articles

- 3 Prenatal Sonographic Features of Fetuses in Trisomy 13 Pregnancies (IV)  
*Chih-Ping Chen*
- 13 Prenatal Diagnosis and Genetic Counseling for Mosaic Trisomy 13  
*Chih-Ping Chen*

## Original Articles

- 23 Ultrasonographic Development of the Fetal Sheep Stomach and Evaluation of Early Gestation Ultrasound-guided *In Utero* Intragastric Injection  
*Anna L. David, Khalil N. Abi-Nader, Boaz Weisz, S.W. Steven Shaw, Michael Themis, Terence Cook, Charles Coutelle, Charles H. Rodeck, Donald M. Peebles*
- 30 Second-trimester Maternal Serum Quadruple Test for Down Syndrome Screening: A Taiwanese Population-based Study  
*S.W. Steven Shaw, Shin-Yu Lin, Chia-Hui Lin, Yi-Ning Su, Po-Jen Cheng, Chien-Nan Lee, Chih-Ping Chen*
- 35 Comparison of the Offspring Sex Ratio Between Cleavage Stage Embryo Transfer and Blastocyst Transfer  
*Pin-Yao Lin, Fu-Jen Huang, Fu-Tsai Kung, Li-Jung Wang, Shiuh Young Chang, Kuo-Chung Lan*
- 40 Transvaginal Sonographic Criteria for the Diagnosis of Adenomyosis Based on Histopathologic Correlation  
*Ying-Lung Sun, Chen-Bin Wang, Chung-Yuan Lee, Ting-Hung Wun, Pauly Lin, Yu-Hsiang Lin, Ching-Cheng Tseng, Chun-Hung Chen, Chih-Jen Tseng*
- 45 A New Quantitative Method to Evaluate Adnexal Tumors  
*Chung-Yuan Lee, Ching-Cheng Tseng, Chen-Bin Wang, Yu-Hsiang Lin, Chun-Hung Chen, Ting-Hung Wun, Ying-Lun Sun, Chih-Jen Tseng*
- 50 Informed Consent for Antenatal Serum Screening for Down Syndrome  
*Hsiao-Lin Hwa, Lian-Hua Huang, Fon-Jou Hsieh, Song-Nan Chow*
- 57 Randomized Trial of Vaginal Prostaglandin E<sub>2</sub> Versus Oxytocin for Labor Induction in Term Premature Rupture of Membranes  
*Cigdem Kunt, Mine Kanat-Pektas, Ayse Nur Cakir Gungor, Raziye Keskin Kurt, Mustafa Ozat, Cavidan Gulerman, Tayfun Gungor, Leyla Mollamahmutoglu*
- 62 Unbalanced and Balanced Heterologous Acrocentric Rearrangements Involving Chromosome 21 at Amniocentesis  
*Chih-Ping Chen, Schu-Rern Chern, Pei-Chen Wu, Fuu-Jen Tsai, Chen-Chi Lee, Dai-Dyi Town, Wen-Lin Chen, Li-Feng Chen, Meng-Shan Lee, Chen-Wen Pan, Wayseen Wang*

## Case Reports

- 69 Vaginal Obliteration in a Woman With a History of Cutaneous T-Cell Lymphoma: The Results of Combined Chemotherapy-induced Gonadal Toxicity and Lymphoma Relapse  
*Chuan-Chien Pan, Wen-Ling Lee*
- 72 Temporary Cross-clamping of the Infraarenal Abdominal Aorta During Cesarean Hysterectomy to Control Operative Blood Loss in Placenta Previa Increta/Percreta  
*Min-Min Chou, Yu-Min Ke, Huey-Chun Wu, Ching-Pei Tsai, Esther Shih-Chu Ho, Hamizah Ismail, Jose M. Palacios Jaraquemada*

- 77 **Ifosfamide-induced Encephalopathy in Patients With Uterine Sarcoma**  
*Yung-Liang Liu, Shih-Hung Tsai, Fung-Wei Chang, Mu-Hsien Yu*
- 81 **Ventriculomegaly, Intrauterine Growth Restriction, and Congenital Heart Defects as Salient Prenatal Sonographic Findings of Miller-Dieker Lissencephaly Syndrome Associated With Monosomy 17p (17p13.2 → pter) in a Fetus**  
*Chih-Ping Chen, Yu-Peng Liu, Shaun-Pei Lin, Ming Chen, Fuu-Jen Tsai, Yu-Ting Chen, Li-Feng Chen, Jonathan Kwei Hwang, Wayseen Wang*
- 87 **Primary Malignant Mixed Müllerian Tumor of the Ovary**  
*Shih-Yun Chiu, Nae-Fang Twu, Chyong-Huey Lai, Ming-Shyen Yen, Kuan-Chong Chao*

## Research Letters

- 91 **Low-resistance Flow in a Large Adenomyomatous Polyp Mimicking a Leiomyosarcoma**  
*Sheng-Po Kao, Tang-Yuan Chu, Dah-Ching Ding*
- 94 **Lipoleiomyoma of the Uterus**  
*Dah-Ching Ding, Tang-Yuan Chu, Yung-Hsiang Hsu*
- 97 **Synchronous Primary Ovarian and Endometrial Cancer With a Fair Prognosis in a Young Woman**  
*Yu-Hsuan Yang, Ruey-jien Chen, Ming-Chieh Lin, Shao-Pei Cheng, Ting-Chen Chang*
- 101 **Brain Metastasis of Ovarian Epithelial Carcinoma**  
*Hsu-Dong Sun, Kuan-Chong Chao, Shu-Huei Shen, Chiung-Ru Lai, Nae-Fang Twu, Chiou-Chung Yuan, Ming-Shyen Yen, Hua-His Wu, Yi-Jen Chen*
- 105 **Female Extrapulmonary Genital Tuberculosis: Full-term Deliveries After 4 Years of Follow-up**  
*Wen-Jai Guo, Guahn-Ren Shieh, Shih-Lung Chen*
- 109 **Resectoscopic Excision of the Vaginal Septum in a Virgin With Uterus Didelphys and Obstructed Unilateral Vagina**  
*Chao-Lan Shih, Yao-Ching Hung, Chih-Ping Chen, Shu-Chin Chien, Wu-Chou Lin*
- 112 **Dengue Virus Infection in Early Gestation With Delivery of an Unaffected Fetus and No Vertical Transmission**  
*Hsing-Chun Tsai, Ching-Chuan Lin, Nga-San Hong, Tian-Ni Kuo, Yu-Yin Huang, Mike Yan-Sheng Lin, Tao-Chuan Loo, Kuo-Feng Huang, Jhi-Joung Wang, Sheng-Hsien Chen*
- 115 **Placenta Percreta Presenting as a Pinhole Uterine Rupture and Acute Abdomen**  
*Fang-Yu Hung, Pu-Tsui Wang, Shun-Long Weng, Chih-Ping Chen*
- 117 **Prenatal Diagnosis of a 4.9-Mb Deletion of 10q11.21 → q11.23 by Array Comparative Genomic Hybridization**  
*Chih-Ping Chen, Yi-Ning Su, Schu-Rern Chern, Fuu-Jen Tsai, Chin-Yuan Hsu, Chen-Chi Lee, Wayseen Wang*
- 120 **Rapid Genome-wide Aneuploidy Diagnosis Using Uncultured Amniocytes and Array Comparative Genomic Hybridization in Pregnancy With Abnormal Ultrasound Findings Detected in Late Second and Third Trimesters**  
*Chih-Ping Chen, Yi-Ning Su, Fuu-Jen Tsai, Schu-Rern Chern, Chin-Yuan Hsu, Ming-Chao Huang, Wayseen Wang*
- 124 **Abnormally Flat Facial Profile on Two- and Three-dimensional Ultrasound and Array Comparative Genomic Hybridization for the Diagnosis of Pallister-Killian Syndrome**  
*Chih-Ping Chen, Yi-Ning Su, Chin-Yuan Hsu, Fuu-Jen Tsai, Shu-Chin Chien, Schu-Rern Chern, Meng-Shan Lee, Pei-Chen Wu, Hsiao-En Cindy Chen, Wayseen Wang*
- 129 **Second-trimester Molecular Prenatal Diagnosis of Sporadic Apert Syndrome Following Sonographic Findings of Mild Ventriculomegaly and Clenched Hands Mimicking Trisomy 18**  
*Chih-Ping Chen, Yi-Ning Su, Chin-Yuan Hsu, Pei-Ying Ling, Fuu-Jen Tsai, Schu-Rern Chern, Pei-Chen Wu, Hsiao-En Cindy Chen, Wayseen Wang*