

## Contents

### Editorial

Uterine artery blockage

*I.-G. Li, H.-H. Liu and P.-H. Wang*

399

Internal iliac artery blockade

*I.-G. Li, C.-H. Liu and P.-H. Wang*

402

The frontiers in gynecologic cancer management: Exploring the new hope to manage women with endometrial cancer by immunochemotherapy

*P.-H. Wang, S.-T. Yang and B.-G. Kim*

404

Complex tumor microenvironment of endometrial cancer

*S.-T. Yang, C.-W. Chang and P.-H. Wang*

407

The new hope to manage women with mismatch repair proficient endometrial cancer

*P.-H. Wang, J.-R. Chen and B.-G. Kim*

410

### Review Articles

Endometrial cancer: Part II. Multimodality treatment of uterine high-grade serous carcinoma (clinical course I)

*C.-W. Chang, S.-T. Yang, C.-H. Liu, W.-H. Chang,*

*W.-L. Lee and P.-H. Wang*

413

Endometrial cancer: Part II. Multimodality treatment of uterine high-grade serous carcinoma (clinical course II)

*C.-W. Chang, S.-T. Yang, W.-H. Chang, W.-L. Lee and*

*P.-H. Wang*

425

The role of 3D laparoscopy in gynecology

*C.-L. Lee*

434

### Original Article

Exploration of immune-related diagnostic biomarkers in unexplained infertility by bioinformatics analysis and machine learning

*R. Ma, J. Qin, S. Wang, S. Guan, F. Jia, Y. Deng, J. Bai and*

*S. Wang*

438

Use of dinoprostone vaginal insert followed by mechanical dilation for poor cervical maturation shorten the time length for uterotonics administration

*T. Nabeshima, M. Ichinose, T. Yamashita, Y. Kawana,*

*Y. Takeda, T. Adachi, T. Nagamatsu and M. Momoeda*

450

Is buprenorphine use in pregnancy linked to decreased fetal breathing movement

*C.M. Bulger, N.H. Lewis, A.M. Fuks, C.-D. Hsu and M.E. Olsen*

458

The efficacy of fractional CO<sub>2</sub> laser treatment on postpartum vulvovaginal atrophy: A prospective observational study

*W.-C. Huang, C.-Y. Su and Y.-L. Wang*

463

Melatonin reverses bisphenol A-induced toxicity in granulosa cells: Restoration of FSHR and connexin 43 expression

*T.-C. Lin, K.-H. Wang, K.-H. Chuang, A.-P. Kao and T.-C. Kuo*

469

Association between gestation weight gain and postpartum poor sleep quality in postpartum women with weight retention

*L. Lim, C.-Y. Chou, T.-L. Chen and C.-S. Weng*

477

Unveiling the enigma of shoulder pain post laparoscopic surgery: exploring influencing factors and recovery trajectories

*P.-S. Lee and C.-L. Lee*

482

The associations of fetomaternal hemorrhage with fetal growth restriction and umbilical cord abnormalities: A nationwide observational study

*Y. Wada, H. Takahashi, M. Ogoyama, K. Horie, H. Suzuki,*

*R. Usui, S.C. Jwa, A. Ohkuchi and H. Fujiwara*

487

Association between exposure to volatile organic compounds and female infertility: An NHANES analysis

*L.-S. Chen, H.-K. Wu, W.-H. Chang, W.-C. Wang and C.-H. Bai*

493

Short- and long-term outcomes of patients with anterior vaginal wall prolapse after abdominal paravaginal cystocele repair

*K. Bhutia, X. Li, J.L.E. Ong, K. Wong, H.C. Han and H.L. Chua*

499

Association between ovarian reserve and organophosphate flame retardants in women of childbearing age

*H.-T. Lien, Y.-C. Ou, Y.-H. Cheng, C.-T. Kung, Y.-C. Chang,*

*P.-L. Weng and K.-C. Lan*

504

The effect of aromatherapy with Citrus Aurantium essential oil on depression, stress and anxiety in pregnant women; a randomized controlled clinical trial

M. Moradi, A. Niazi, F. Mohammadi Payandar, J. Jamali and N. Arefadib

512

Autogenic uterus transplantation in goats: Animal model experience in Taiwan

C.Y.-Y. Chang, C.-C. Huang, S.-T. Chuang, J.-C. Hsieh, P.-C. Li, Y.-W. Sung, K.-S. Poon, H.-Y. Lai and W.-C. Lin

519

## Case Report

Complete remission of endometrial cancer stage IVC treated with multimodality treatment including immunotherapy and maintenance PARP inhibitor – A case report

Y.-Y. Chen, F.-Y. Liu, Y.-Y. Chiang and C.-H. Lai

524

Prenatal diagnosis of geleophysic dysplasia with ADAMTSL2 mutations

Y.-T. Jiang, S.-B. Lin, C.-X. Huang, L. Du and H.-N. Xie

528

Prenatal diagnosis and management of desbuquois dysplasia type 1 due to CANT1 mutation: A case report

M. Özalp, M.İ. Toplu, B. Ertürk, A. Batman and V. Mihmanlı

531

Prenatal diagnosis and counseling of Emanuel syndrome: Two case reports

C.-Y. Chiang, Z.-N. Liu, S.-O. Chiu, Y.-T. Lin, H.-H. Peng and S.-D. Chang

535

## Research Letter

Prenatal diagnosis of a *de novo* 16p11.2 microduplication of 16p11.2 BP4-5 copy number variants in a fetus with apparently normal phenotype

C.-P. Chen

540

Incidental detection of a 1.61-Mb familial Xp22.31 microdeletion encompassing *PUDP*, *STS*, *VCX* and *PNPLA4* in a male fetus with cleft lip and palate on prenatal ultrasound and a favorable postnatal outcome

C.-P. Chen

542

Prenatal diagnosis of *SRY*(+) 45,X male and the confirmation of high-level mosaicism for 45,X in 45,X/46,X,del(Y) (q11.222) in a fetus with a favorable fetal outcome and perinatal progressive decrease of the 45,X cell line

C.-P. Chen

544

Prenatal diagnosis of *SRY*(+) 46,XX male and the confirmation of a *de novo* unbalanced Xp;Yp translocation with the karyotype of 46,X,der(X)t(X;Y) (p22.33;p11.2) in a fetus with a favorable fetal outcome

C.-P. Chen

551

Mosaic trisomy 18 at amniocentesis in a pregnancy associated with omphalocele, intrauterine growth restriction, trisomy 18 placenta, an elevated sFlt-1/PIGF ratio and an adverse perinatal outcome in the fetus

C.-P. Chen

555

High-level mosaic trisomy 18 at amniocentesis in a pregnancy associated with congenital heart defect, intrauterine growth restriction, trisomy 18 placenta, oligohydramnios and an adverse perinatal outcome in the fetus

C.-P. Chen

560

Low-level mosaic trisomy 7 at amniocentesis in a pregnancy associated with postnatal progressive decrease of the trisomy 7 cell line and a favorable fetal outcome despite postnatal manifestation of patterned hypopigmentation of skin

C.-P. Chen

564

Detection of a whole-arm balanced X;autosome translocation of 46,X,t(X;4) (p10;p10) in a 39-year-old, gravida 4, para 1, woman with recurrent miscarriages

C.-P. Chen

567

Incidental detection of a balanced X;autosome translocation of 46,X,t(X;8)(q28;q24.22) in a 32-year-old, unmarried woman with irregular menstrual cycle

C.-P. Chen

569

Prenatal diagnosis of a 4p16.3 microdeletion and a 11p15.5p15.4 microduplication in a fetus with increased nuchal translucency. Dandy-Walker malformation and intrauterine growth restriction

C.-P. Chen

571

Detection of a disomy X cell line in uncultured amniocytes by fluorescence *in situ* hybridization in a pregnancy with 45,X/47,XXX at amniocentesis, cytogenetic discrepancy cultured amniocytes and uncultured amniocytes and a favorable fetal outcome

C.-P. Chen

576

## Correspondence

Comments on “The timing for embryo transfer after antibiotic therapy for chronic endometritis”

Z. Gao and J. Du

580

Invisible demerits of ChatGPT in medical writing

S. Matsubara and D. Matsubara

581

Spontaneous rupture of left common iliac artery after cesarean section: A rare case of hypovolemic shock in Obstetrics

F. Yao, L. Wang, L. Wang, L. Xiao and Y. Qi

583

Concerns regarding “Rejection and transfer”

S. Matsubara and D. Matsubara

586