

ULTRASOUND

in Obstetrics & Gynecology

Editor in Chief: Professor Basky Thilaganathan

The Official Journal of
the International Society of Ultrasound
in Obstetrics and Gynecology



CONTENTS

OPINION

- 569** Prediction and prevention of preterm birth: a quagmire of evidence
A. H. Shennan

REFEREE COMMENTARIES

- 571** Maternal hemodynamics reference ranges and role of maternal characteristics
I. Germanakis
- 571** 24-segment sphericity index to evaluate fetal cardiac diastolic shape
S. A. Maskatia

RANDOMIZED CONTROLLED TRIAL

- 573** Prevention of preterm birth with pessary in singlerons (PoPPS): randomized controlled trial
L. Dugoff, V. Bergella, H. Sehdev, A. D. Mackeen, L. Goetzl and J. Ludmir

SYSTEMATIC REVIEWS

- 580** Fetal intra-abdominal umbilical vein varix: retrospective cohort study and systematic review and meta-analysis
E. di Pasquo, M. Kuleva, N. O'Gorman, Y. Ville and L. J. Salomon
- 586** Transvaginal ultrasound vs magnetic resonance imaging for diagnosing deep infiltrating endometriosis: systematic review and meta-analysis
S. Guerriero, L. Saba, M. A. Pascual, S. Ajossa, I. Rodriguez, Mais and J. L. Alcazar

ORIGINAL PAPERS

- 596** Cost-effectiveness of diagnostic testing strategies including cervical-length measurement and fibronectin testing in women with symptoms of preterm labor
G.-J. van Baaren, J. Y. Vis, F. F. Wilns, M. A. Oudijk, A. Kwee, M. M. Porath, H. C. J. Scheepers, M. E. A. Spaanderman, K. W. M. Bloemenkamp, M. C. Haak, C. J. Bax, J. M. J. Cornetje, J. J. Duvekot, B. W. A. Nij Bijvank, J. van Eyck, M. T. M. Franssen, K. M. Sollie, F. P. H. A. Vandenhussche, M. Woiski, A. C. Bolte, J. A. M. van der Post, P. M. M. Bossuyt, B. C. Opmeer and B. W. J. Mol
- 604** Transvaginal sonographic cervical length in first and second trimesters in a low-risk population: a prospective study
C. B. Wulff, L. Rode, S. Rosthøj, E. Hoseth, O. B. Petersen and A. Tabor
- 614** Cervical-length measurement in mid-gestation to predict spontaneous preterm birth in asymptomatic triplet pregnancy
A. Fichera, G. Pagani, V. Stagnati, S. Casella, S. Faiola, C. Gaini, M. Lanna, L. Pasquini, R. Raffaelli, T. Stampalija, A. Tommasini and R. Prefumo
- 621** Pessary for prevention of preterm birth in twin pregnancy with short cervix: 3-year follow-up study
J. van 't Hooft, J. H. van der Lee, B. C. Opmeer, A. G. van Wassenbergh, A. L. van Baar, D. J. Bekedam, L. J. P. Steenis, S. Liem, E. Schuit, C. Cnijpers, E. Bleeker, M. E. Vinke, N. Simons, I. M. de Graaf, B. W. J. Mol and C. van de Beek
- 629** Mid-trimester sonographic cervical consistency index to predict spontaneous preterm birth in a low-risk population
N. Baños, C. Murillo-Bravo, C. Julià, F. Migliorelli, A. Pérez-Moreno, J. Ríos, E. Gratacós, L. Valentin and M. Palacio

- 637** Quantitative analysis of cervical texture by ultrasound in mid-pregnancy and association with spontaneous preterm birth
N. Baños, A. Pérez-Moreno, C. Julià, C. Murillo-Bravo, D. Coronado, E. Gratacós, J. Deprest and M. Palacio
- 644** Predictive performance of PAMG-1 vs fFN test for risk of spontaneous preterm birth in symptomatic women attending an emergency obstetric unit: retrospective cohort study
J. C. Melchor, H. Navas, M. Marcos, A. Iza, M. de Diego, D. Rando, I. Melchor and J. Burgos
- 650** 24-segment sphericity index: a new technique to evaluate fetal cardiac diastolic shape
G. R. DeVore, B. Klas, G. Satou and M. Sklansky
- 659** Population trends in prenatal detection of transposition of great arteries: impact of obstetric screening ultrasound guidelines
P. Ravi, L. Mills, D. Fruitman, W. Savard, T. Colen, N. Khoo, J. Serrano-Lomelin and L. K. Hornberger
- 665** Maternal hemodynamics in normal pregnancy: reference ranges and role of maternal characteristics
D. Vinayagam, B. Thilaganathan, O. Stirrup, E. Mantovani and A. Khalil
- 672** Restricted physical activity in pregnancy reduces maternal vascular resistance and improves fetal growth
B. Vasapollo, D. Lo Presti, G. Gagliardi, D. Farsetti, G. M. Tiralongo, I. Pisani, G. P. Novelli and H. Valensise
- 677** Anal sphincter defects and fecal incontinence 15–24 years after first delivery: a cross-sectional study
R. A. Guzmán Rojas, K. Å. Salvesen and I. Volløyhaug
- 684** PRospective Imaging of CErvical cancer and neoadjuvant treatment (PRICE) study: role of ultrasound to predict partial response in locally advanced cervical cancer patients undergoing chemoradiation and radical surgery
A. C. Testa, G. Ferrandina, F. Moro, T. Pasciuto, M. C. Moruzzi, I. De Blasis, F. Mascilini, E. Foti, R. Autorino, A. Collarino, B. Gui, G. F. Zannoni, M. A. Gambacorta, A. L. Valentini, V. Rufini and G. Scambia

LETTERS TO THE EDITOR

- 696** Successful pregnancy outcome in woman with history of Triple-P procedure for placenta previa
M. Cauldwell, E. Chandrabaran, A. Pinas Carillo and S. Pereira
- 697** Potential utility of pulsed-wave Doppler for prenatal diagnosis of fetal ventricular tachycardia secondary to long QT syndrome
T. Miyoshi, H. Sakaguchi, I. Shiraishi, J. Yoshimatsu and T. Ikeda
- 699** Ultrasound characteristics of ovarian metastases from low-grade appendiceal mucinous neoplasms
F. Moro, F. Pozzati, F. Mascilini, G. Magoga, T. Pasciuto, G. Zannoni, G. Scambia and A. C. Testa

CORRESPONDENCE

- 701** Assessment of arterial function in pregnancy: what about peripheral arterial tonometry?
E. Sciatti and R. Orabona
- 703** Reply
C. Lees

PICTURE OF THE MONTH

- 704** Three-dimensional ultrasound imaging of intra-abdominal cervical-isthmus cerclage
K. Ichizuka, K. Seo, S. Dohi, T. Ishikawa, A. Sekizawa and M. Nagatsuka