

ULTRASOUND

in Obstetrics & Gynecology

Editor-in-Chief: Professor Anthony Odibo

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



CONTENTS

423 Editor's Note

EDITORIAL

- 424 Use of ultrasound simulators for assessment of trainee competence: trendy toys or valuable instruments?
M. G. Tolsgaard and G. E. Chalouhi

OPINION

- 427 Using cerebroplacental ratio in non-SGA fetuses to predict adverse perinatal outcome: caution is required
S. Kumar, F. Figueras, W. Ganzevoort, J. Turner and L. McGowan

SYSTEMATIC REVIEWS

- 430 Predictive accuracy of cerebroplacental ratio for adverse perinatal and neurodevelopmental outcomes in suspected fetal growth restriction: systematic review and meta-analysis
A. Conde-Agudelo, J. Villar, S. H. Kennedy and A. T. Papageorgiou
- 442 Prediction of preterm delivery in symptomatic women using PAMG-1, fetal fibronectin and phIGFBP-1 tests: systematic review and meta-analysis
J. C. Melchor, A. Khalil, D. Wing, E. Schleussner and D. Surbek

ORIGINAL PAPERS

- 452 Fetoscopic two-layer closure of open neural tube defects
C. Giné, S. Arévalo, N. Maiz, C. Rodó, S. Manrique, A. Poca, J. A. Molino, E. Carreras and M. López
- 458 Percutaneous fetoscopic closure of large open spina bifida using a bilaminar skin substitute
D. A. Lapa, G. L. Acacio, R. T. Gonçalves, R. A. M. Sá, R. A. Brandt, R. H. Chmait, E. V. Kontopoulos and R. A. Quintero
- 467 Neurodevelopmental outcome of fetal isolated ventricular asymmetry without dilation: a cohort study
R. Meyer, O. Bar-Yosef, E. Barzilay, D. Hoffman, S. Toussia-Cohen, E. Zvi, R. Achiron and E. Katorza
- 473 Cerebrovascular response to maternal hyperoxegenation in fetuses with hypoplastic left heart syndrome depends on gestational age and baseline cerebrovascular resistance
A. Szustak, M. Putt, J. W. Gaynor, D. J. Licht and J. Rychik
- 479 Effect of fetal hemodynamics on growth in fetuses with single ventricle or transposition of the great arteries
T. Alsaeid, S. Tseng, E. King, E. Hahn, A. Divanovic, M. Habli and J. Cnota
- 488 Birth-weight differences at term are explained by placental dysfunction and not by maternal ethnicity
J. Morales-Roselló, T. Dias, A. Khalil, V. Forner-Ferrer, R. Ciampella, L. Giménez-Roca, A. Perales-Marin and B. Thilaganathan
- 494 Using fetal abdominal circumference growth velocity in the prediction of adverse outcome in near-term small-for-gestational-age fetuses
A. Cavallaro, M. Veglia, E. Svirko, S. Vannuccini, G. Volpe and L. Impye
- 501 Screening for pre-eclampsia at 35–37 weeks' gestation
A. Panaitescu, A. Ciobanu, A. Syngelaki, A. Wright, D. Wright and K. H. Nicolaides

- 507 Maternal hemodynamics, fetal biometry and Doppler indices in pregnancies followed up for suspected fetal growth restriction
L. A. Roberts, H. Z. Ling, L. C. Poon, K. H. Nicolaides and N. A. Kametas

- 515 Is home blood-pressure monitoring in hypertensive disorders of pregnancy consistent with clinic recordings?
E. Kalafat, I. Mir, H. Perry, B. Thilaganathan and A. Khalil

- 522 Vasa previa screening strategies: decision and cost-effectiveness analysis
R. G. Sinkey and A. O. Odibo

- 530 Does freeze-all policy affect IVF outcome in poor ovarian responders?
M. Roque, M. Valle, M. Sampaio and S. Geber

- 535 Imaging in gynecological disease (13): clinical and ultrasound characteristics of endometrioid ovarian cancer
E. Moro, G. Magoga, T. Pasciuto, F. Mascilini, M. C. Moruzzi, D. Fischerova, L. Savelli, S. Giunchi, R. Mancari, D. Franchi, A. Czekierdowski, W. Froymian, D. Verri, E. Epstein, V. Chiappa, S. Guerriero, G. B. Zannoni, D. Timmerman, G. Scambia, L. Valentin and A. C. Testa

LETTERS TO THE EDITOR

- 544 Simultaneous recording of pulsed-wave Doppler signals in innominate vein and transverse aortic arch: new technique to evaluate atrioventricular conduction and fetal heart rhythm
L. W. Howley, E. Schuchardt, D. Park, L. Gilbert, J. Gruenwald and B. F. Cuneo
- 545 McRoberts' maneuver increases fetal head angle of progression in second stage of labor
A. L. Zimerman, M. Moskovich, E. B. Levi, R. Maymon, J. Tobvin and M. Betser
- 547 Prolonged duration of persistent cell-free fetal DNA from vanishing twin
K. M. Niles, A. Murji and D. Chitayat
- 548 Ultrasound diagnosis of endometrial polyps in pregnancy
M. Memtsa, E. Jauniaux, M. Wong and D. Jurkovic

CORRESPONDENCE

- 550 Re: Effectiveness of 12–13-week scan for early diagnosis of fetal congenital anomalies in the cell-free DNA era
S. Yagel
- 550 Reply
C. M. Bilardo

PICTURE OF THE MONTH

- 552 HDlive Flow with HDlive silhouette mode in diagnosis of molar pregnancy
T. Hata, K. Kanenishi, E. Nitta, K. Yamamoto, M. A. M. AboEllail and N. Mori

ORAL COMMUNICATION ABSTRACTS

- 555 Top five abstracts of the 14th ISUOG International Symposium