

CLINICAL AND EXPERIMENTAL OBSTETRICS & GYNECOLOGY

an International Journal

Editor-in-Chief

A. Onnis

Montréal (CND)

Associate Editors

M. Gangemi **M. Marchetti**

Padua (I)

Montréal (CND)

Assistant Editor

J. Wilson

San Diego - CA (USA)

Editorial Board

- | | |
|---|--|
| P. Audet-Lapointe, <i>Montréal (Canada)</i> | A. Gorins, <i>Paris (France)</i> |
| R. Axt-Flidner, <i>Lübeck (Germany)</i> | Z. Holub, <i>Kladno (Czech Republic)</i> |
| A. Basta, <i>Krakow (Poland)</i> | J. A. Jordan, <i>Birmingham, England (UK)</i> |
| H. J. Bender, <i>Dusseldorf (Germany)</i> | B. Kaplan, <i>Petach Tikva (Israel)</i> |
| N. Bhattacharya, <i>Calcutta (India)</i> | B. Kralj, <i>Ljubljana (Slovenia)</i> |
| F. Bonilla Musoles, <i>Valencia (Spain)</i> | A. B. Lalonde, <i>Ottawa (Canada)</i> |
| G. Chamberlain, <i>Swansea, England (UK)</i> | J. Markowska, <i>Poznan (Poland)</i> |
| T. Charkviani, <i>Tbilisi (Georgia)</i> | C. Marth, <i>Innsbruck (Austria)</i> |
| J. H. Check, <i>Camden, NJ (USA)</i> | H. Meden-Vrtovec, <i>Ljubljana (Slovenia)</i> |
| S. Chiovski, <i>Timisoara (Romania)</i> | J. Monsonego, <i>Paris (France)</i> |
| D. Dargent, <i>Lyon (France)</i> | N. Ohara, <i>Kobe (Japan)</i> |
| S. Dexeus, <i>Barcelona (Spain)</i> | N. Papadopoulos, <i>Alexandroupolis (Greece)</i> |
| G. Di Paola, <i>Buenos Aires (Argentina)</i> | S. Rakar, <i>Ljubljana (Slovenia)</i> |
| T. K. A. B. Eskes,
<i>Nijmegen (The Netherlands)</i> | J. J. Sciarra, <i>Chicago, IL (USA)</i> |
| M. Franchi, <i>Verona (Italy)</i> | J. Stelmachow, <i>Warsaw (Poland)</i> |
| M. Friedrich, <i>Homburg (Germany)</i> | M. N. Varras, <i>Athens (Greece)</i> |
| V. Gomel, <i>Vancouver (Canada)</i> | P. Vırtej, <i>Bucharest (Romania)</i> |
| | R. Winter, <i>Graz (Austria)</i> |

Editorial Organization:

I.R.O.G. CANADA, Inc. - 4900 Côte St-Luc - Apt # 212

Montréal, Qué. H3W 2H3 (Canada)

Tel. +514-4893242 - Fax +514-4854513 - E-mail: canlux@qc.aira.com - www.irog.net

CLINICAL AND EXPERIMENTAL OBSTETRICS AND GYNECOLOGY (ISSN 0390-6663) publishes original work, preferably brief reports, in the fields of Gynecology, Obstetrics, Fetal Medicine, Gynecological Endocrinology and related subjects. (Fertility and Sterility, Menopause, Uro-gynecology, Ultrasound in Obstetrics and Gynecology, Sexually Transmitted Diseases). The Journal is covered by **INDEX MEDICUS, MEDLINE, EMBASE/Excerpta Medica**.

CLINICAL AND EXPERIMENTAL OBSTETRICS AND GYNECOLOGY is issued every three months in one volume per year by IROG CANADA Inc. Montréal. Printed in Italy by "La Garangola", Tipografia Editrice - Via E. Dalla Costa, 6 - 35129 Padova (Italy).

Contents

Clinical and Experimental Obstetrics & Gynecology - Vol. XXXI, n. 2, 2004

REVIEW ARTICLE

- Benefits and limitations of ultrasonographic evaluation of uterine adnexal lesions in early detection of ovarian cancer** 85
 M. Varras - *Athens, GREECE*
 Selection of patients with uterine adnexal tumours for surgical intervention is not provided accurately by pelvic ultrasonographic scan. In this study all the limitations of ultrasonographic examination for the early detection of ovarian cancer are considered.

ORIGINAL ARTICLES

- Neither sildenafil nor vaginal estradiol improves endometrial thickness in women with thin endometria after taking oral estradiol in graduating dosages** 99
 J.H. Check, V. Graziano, G. Lee, A. Nazari, J.K. Choe, C. Dietterich - *Camden, NJ (USA)*
 Neither vaginal sildenafil nor vaginal estradiol had a significant beneficial effect on improving endometrial thickness.
- Serum and follicular fluid leptin levels in patients undergoing controlled ovarian hyperstimulation for in vitro fertilization cycle** 103
 R. Chen, B. Fisch, A. Ben-Haroush, A. La-Marca, M. Hod, R. Orvieto - *Tel Aviv, ISRAEL*
 Analysis of serum and follicular fluid leptin levels during controlled ovarian hyperstimulation showed an increase in serum leptin levels until peak estradiol but no correlation of serum levels with IVF treatment variables or pregnancy rate.
- Correlation of endoscopic interpretation of endometriosis with histological verification** 107
 T. Schollmeyer, K. Pandit, A. Schmutzler, L. Mettler - *Kiel, GERMANY*
 Histological examination verified the laparoscopic diagnosis of genital endometriosis in 138 (84.1%) of 164 patients.
- Is assisted hatching beneficial in patients with recurrent implantation failures?** 110
 O. Rufas-Sapir, A. Stein, R. Orvieto, O.M. Avrech, N. Kotler, H. Pinkas, J. Bar, B. Fisch - *Tel Aviv, ISRAEL*
 Assisted hatching of IVF derived embryos is not beneficial in women with recurrent implantation failure and may even hamper implantation of good quality embryos transferred to young patients.
- The importance of diagnostic work-up in the management of candidal vulvovaginitis. A prospective study** 113
 A. Ben-Haroush, Y. Yogeve, B. Kaplan - *Tel Aviv, ISRAEL*
 It is important that the diagnostic work-up for suspected candidal infections consist of at least vaginal pH measurement and microscopy study with KOH. The authors encourage the use of vaginal cultures, especially in recurrent cases. Clotrimazole is a safe and effective treatment.
- Pharmacological effects of melatonin on reproductive activity: experimental bioimplants with sustained-release polymeric systems** 117
 L. Tripodi, A. Tripodi, C. Mammì, C. Pullè, A. Pecile, F. Cremonesi - *Messina and Milan, ITALY*
 The aim of this paper is to report the findings on the pharmacological action of this molecule for reproduction in which gonadal activity is quite clearly connected to photoperiodicity. Polymer bioimplants programed for the sustained release of melatonin were used for experimental gynecologic protocols.
- Bladder neck mobility and functional evaluation of the pelvic floor in primiparae according to the type of delivery** 120
 J.P. Sartori, M.G.F. Sartori, E.C. Baracat, G.R. De Lima, M.J.B.C. Girão - *São Paulo, BRAZIL*
 Bladder neck mobility, evaluated by ultrasound, in primiparous women after vaginal deliveries was greater than after cesarean section.
- Efficacy and safety of standard versus low-dose Femarelle (DT56a) for the treatment of menopausal symptoms** 123
 I. Yoles, Y. Yogeve, Y. Frenkel, M. Hirsch, R. Nahum, B. Kaplan - *Tel Aviv, ISRAEL*
 A significant reduction of menopausal symptoms was achieved by low-dose Femarelle (Tofupill) although the standard dose is needed for the treatment of osteoporosis.
- Age at menarche and risk of abortion: Further evidence** 127
 Z.A. Babay - *Riyadh, SAUDI ARABIA*
 Correspondence analysis and life table survival analysis showed that early age at menarche is associated with lower risk of abortion.

Contents

Skeletal maturation in intrauterine growth-retarded rats treated with growth hormone	130
F. Quintero, B. Orden, L. Guimarey, M. Fucini, E. Oyhenart - <i>Buenos Aires, ARGENTINA</i> The purpose of the study was to assess the ossification in IUGR rats treated with growth hormone (Gh).	
Preemptive meloxicam for postoperative pain relief after abdominal hysterectomy	133
T. Akarsu, S. Karaman, F. Akercan, M. Kazandi, M.S. Yucebilgin, V. Firat - <i>Izmir, TURKEY</i> Preemptive meloxicam provided better postoperative analgesia than placebo.	
Retrospective analysis of endometrial polyps carried out at Ege University Hospital	137
N. Karadadas, F. Sirkeci, F. Akercan, M. Ulukus, M. Kazandi, M. Ulukus - <i>Izmir, TURKEY</i> In a university hospital setting, the majority of the endometrial polyp cases were in postmenopausal women. Standard endometrial sampling failed to detect almost half of the cases.	
CASE REPORTS	
Evidence using a shared oocyte pool that the sperm rather than the oocyte in some cases may be responsible for the production of embryos with a high percentage of fragmented blastomeres - Case report	139
J.H. Check, H. Cochrane, W. Yuan, C. Wilson - <i>Camden, NJ (USA)</i> Sperm may be the etiologic factor for fragmentation as determined by comparing outcomes using shared oocytes and two sperm sources.	
Prenatal diagnosis of pentalogy of Cantrell: A case report	141
L. Jochems, Y. Jacquemyn, B. Blaumeiser - <i>Edegem, BELGIUM</i> Pentalogy of Cantrell is a very rare congenital disorder characterized by ectopia cordis in combination with an abdominal wall defect. A case diagnosed prenatally at 25 weeks' gestational age is presented.	
Medical and psychological management of recurrent abortion, history of postneonatal death, ectopic pregnancy and infertility: successful implementation of IVF for multifactorial reproductive dysfunction. A case report	143
E.S. Sills, M. Perloe, L.J. Stamm, C.R. Kaplan, M.J. Tucker - <i>Atlanta, GEORGIA (USA)</i> Particularly for couples with combined/complex infertility, incorporation of psychological assessment and counseling can optimize reproductive outcome after IVF.	
Term angular pregnancy with placenta accreta. A case report	147
O. Triolo, A. Mancuso, A. De Vivo, S. Falcone - <i>Messina, ITALY</i> A case of angular pregnancy at term complicated by placenta accreta that required subtotal hysterectomy is reported.	
Uterine necrosis after laparoscopic uterine vessel dissection for symptomatic fibroid - A case report	149
Z. Holub, M. Janoušek, L. Lukáč, L. Kliment - <i>Kladno, CZECH REPUBLIC</i> A case of uterine necrosis after laparoscopic uterine artery dissection is described.	
Caudal regression syndrome and sirenomelia in only one twin in two diabetic pregnancies	151
E. Assimakopoulos, A. Athanasiadis, M. Zafrakas, K. Dragoumis, J. Bontis - <i>Thessaloniki, GREECE</i> The present cases suggest that the pathogenesis of CRS and sirenomelia is more complex than previously thought, that maternal diabetes is not the only underlying pathogenetic mechanism and that genetic or epigenetic factors probably contribute to the formation of these conditions.	
Pelvic actinomycosis in a postmenopausal patient with systemic lupus erythematosus mimicking ovarian malignancy: case report and review of the literature	154
K. Oztekin, F. Akercan, M.S. Yucebilgin, M. Kazandi, M.C. Terek, F. Sendag, O. Zekioglu - <i>Izmir, TURKEY</i> A case of pelvic actinomycosis in a postmenopausal patient with systemic lupus erythematosus is described.	
Nuchal cord type B associated with an excessively long umbilical cord as a cause of stillbirth: A case report	158
P. Dursun, M.C. Salman, O. Ozyuncu, T. Aksu - <i>Ankara, TURKEY</i> A case of an excessively long umbilical cord (190 cm) which was complicated with five nuchal loops around the fetal neck resulting in intrauterine death is presented.	