

Table of contents 2019

VOL 90, NO 1

ORIGINAL PAPERS GYNECOLOGY

Peroxiredoxin-5 is a negative survival predictor in ovarian cancer

Jacek Sienko, Paweł Gaj, Krzysztof Czajkowski, Dominika Nowis 1

Metabolic and hormonal effects of a combined Myo-inositol and D-chiro-inositol therapy on patients with polycystic ovary syndrome (PCOS)

Marcin Januszewski, Tadeusz Issat, Alicja A. Jakimiuk, Małgorzata Santor-Zaczynska, Artur J. Jakimiuk 7

High tumor cell vimentin expression indicates prolonged survival in patients with ovarian malignant tumors

Sebastian Szubert, Krzysztof Koper, Małgorzata Maria Dutsch-Wicherek, Wojciech Jozwicki 11

The impact of low volume lymph node metastases and stage migration after pathologic ultrastaging of non-sentinel lymph nodes in early-stage cervical cancer: a study of 54 patients with 4.2 years of follow up

Marcin Sniadecki, Dariusz Grzegorz Wydra, Szymon Wojtylak, Ewa Wycinka,
Marcin Liro, Nikola Sniadecka, Agnieszka Mrozinska, Sambor Sawicki 20

ORIGINAL PAPERS OBSTETRICS

Prenatally diagnosed foramen ovale restriction in fetuses with hypoplastic left heart syndrome may be a predictor of longer hospitalization, but not of a need for an urgent Rashkind procedure

Lukasz Sokolowski, Maria Respondek-Liberska, Marek Pietryga, Maciej Slodki 31

Decreased Filamin b expression regulates trophoblastic cells invasion through ERK/MMP-9 pathway in pre-eclampsia

Jufeng Wei, Yufen Fu, Xiaoling Mao, Yuhui Jing, Jiangbo Guo, Yuanhua Ye 39

Effects of nutritional nursing intervention based on glycemic load in patients with gestational diabetes mellitus

Shaofang Lv, Shanlan Yu, Rongxiang Chi, Dongmei Wang 46

The relationship between pre-pregnancy BMI, gestational weight gain and neonatal birth weight: a retrospective cohort study

Magdalena Nowak, Maria Kalwa, Piotr Oleksy, Katarzyna Marszałek, Małgorzata Radon-Pokracka, Hubert Huras 50

REVIEW PAPER OBSTETRICS

Is there a future for cell-free fetal DNA tests in screening for preeclampsia?

Urszula Sarzynska-Nowacka, Przemysław Kośinski, Mirosław Wielgos 55

VOL 90, NO 2

ORIGINAL PAPERS GYNECOLOGY

Hormonal contraception in patients with epilepsy

Magdalena Bosak, Katarzyna Cyrancka, Agnieszka Slowik 61

Sensitivity and specificity of HR HPV E6/E7 mRNA test in detecting cervical squamous intraepithelial lesion and cervical cancer

Dominik Pruski, Sonja Millert-Kalinska, Anna Lewek, Witold Kedzia 66

Influence of Human Papilloma Virus (HPV) infection on early pregnancy

Lukasz Bober, Grzegorz Guzowski, Hanna Moczulska, Piotr Sierszewski 72

MTHFR genetic polymorphism and the risk of intrauterine fetal death in Polish women

Hubert Wolski, Grazyna Kurzawinska, Krzysztof Drews, Magdalena Barlik, Przemyslaw Kadziolka, Zbyszko Malewski, Paula Mikolajska-Ptas, Michal Bylewski, Agnieszka Seremak-Mrozikiewicz 76

Additional secure circular suture during sphincteroplasty — preliminary results on the efficacy of fecal incontinence surgery in urogynecological patients

Aneta Adamiak-Godlewska, Katarzyna Skorupska, Katarzyna Romanek-Piva, Jacek Pilat, Tomasz Rechberger 82

**ORIGINAL PAPERS
OBSTETRICS**

Expression of Cripto-1 in the placenta and its role in placenta accreta and placenta previa

Lingling Jiang, Xiaoya Wu, Jianying Yan, Rongxin Chen, Qing Han, Qinjian Zhang 86

Follow-up of children with antenatally diagnosed idiopathic polyhydramnios

Magdalena Adamczyk, Jakub Kornacki, Przemyslaw Wirstlein, Małgorzata Szczepanska, Ewa Wender-Ozegowska 93

**REVIEW PAPER
GYNECOLOGY**

Intraductal papilloma of the breast — management

Diana Hodorowicz-Zaniewska, Joanna Szpor, Paweł Basta 100

Food and Drug Administration — approved molecular methods for detecting human papillomavirus infection

Katarzyna Sitarz, Sława Szostek 104

**REVIEW PAPER
OBSTETRICS**

The role of lymphocytes in fetal development and recurrent pregnancy loss

Jan Modzelewski, Anna Kajdy, Michał Rabiejewski 109

CLINICAL VIGNETTE

Exploring the fetal brain: is MRI always better than ultrasound?

Michał Lipa, Przemysław Kośinski, Mirosław Wielgos 114

VOL 90, NO 3

**ORIGINAL PAPERS
GYNECOLOGY**

Is copeptin a new potential biomarker of insulin resistance in polycystic ovary syndrome?

Justyna Widecka, Katarzyna Ozegowska, Beata Banaszewska, Anna Kazienko, Krzysztof Safranow, Dorota Branecka-Wozniak, Leszek Pawelczyk, Rafał Kurzawa 115

Underestimation of breast cancer in intraductal papillomas treated with vacuum-assisted core needle biopsy

Diana Hodorowicz-Zaniewska, Benita Siarkiewicz, Karolina Brzuszkiewicz, Joanna Szpor 122

**Can preoperative magnetic resonance imaging replace intraoperative frozen sectioning
in the evaluation of myometrial invasion for early-stage endometrial carcinoma?**

Volkan Karataşlı, İlker Çakır, Hilal Şahin, Duygu Ayaz, Muzaffer Sancı..... 128

The potential predictive value of serum sRCAS1 levels for overall survival in endometrial cancer

Sebastian Szubert, Krzysztof Koper, Magdalena Maria Dutsch-Wicherek, Zbigniew Kojs..... 134

**The value of an initial drop in Human Chorionic Gonadotropin levels in predicting a response
to methotrexate in women with low-risk Gestational Trophoblastic Neoplasia**

Paulina Banach, Mikolaj Piotr Zaborowski, Natalia Izycka, Anna Romala, Ewa Nowak-Markwitz..... 141

**ORIGINAL PAPERS
OBSTETRICS**

Long-term outcomes of prenatally diagnosed ventriculomegaly — 10 years of Polish tertiary centre experience

Michał Lipa, Przemysław Kosinski, Kamila Wojciech, Aleksandra Wesołowska-Tomczyk,
Adrianna Szyjka, Martyna Rozek, Mirosław Wielgos..... 148

**Continuous subcutaneous insulin infusion reduces neonatal risk in pregnant women
with type 1 diabetes mellitus**

Urszula Mantaj, Paweł Gutaj, Katarzyna Ozegowska, Agnieszka Zawiejska,
Katarzyna Wróblewska-Seniuk, Danuta Olejniczak, Ewa Wender-Ozegowska..... 154

**The clinical usefulness of biochemical (free β-hCG, PAPP-A) and ultrasound (nuchal translucency) parameters
in prenatal screening of trisomy 21 in the first trimester of pregnancy**

Katarzyna Ziolkowska, Piotr Dydowicz, Maciej Sobkowski, Kinga Tobola-Wrobel, Ewa Wysocka, Marek Pietryga 161

**REVIEW PAPER
GYNECOLOGY**

The role of artificial nutrition in gynecological cancer therapy

Magdalena Szewczuk, Emilia Gasiorowska, Konrad Matysiak, Ewa Nowak-Markwitz 167

**REVIEW PAPER
OBSTETRICS**

The role of disordered angiogenesis tissue markers (sFlt-1, PIGF) in present day diagnosis of preeclampsia

Sebastian Kwiatkowski, Ewa Kwiatkowska, Andrzej Torbe 173

CLINICAL VIGNETTE

Perinatal care in a patient with diagnosed Westphal's disease

Marek Szyszkowski, Dominik Pruski, Paulina Banach, Marcin Przybylski 177

VOL 90, NO 4

**ORIGINAL PAPERS
GYNECOLOGY**

**Analysis of the Treg cell population in the peripheral blood of ovarian cancer patients in relation
to the long-term outcomes**

Magdalena Maria Dutsch-Wicherek, Sebastian Szubert, Konrad Dziobek, Michał Wisniewski, Ewelina Łukaszewska,
Łukasz Wicherek, Wojciech Jozwicki, Wojciech Rokita, Krzysztof Koper 179

ORIGINAL PAPERS OBSTETRICS

Prognosis and related risk factors of patients with scarred uterus complicated with central placenta previa	
Juntao Zheng, Shanshan Liu, Jianqin Xing	185
Assessment of cardiac function in donor and recipient fetuses during a 7-day follow-up after selective laser photocoagulation of communicating vessels due to TTTS	
Katarzyna Leszczynska, Jaroslaw Meyer-Szary, Maciej Chojnicki, Ireneusz Haponiuk, Krzysztof Preis, Katarzyna Stefanska, Katarzyna Gierat-Haponiuk, Małgorzata Świątkowska-Freund	189
The effects of threatened abortions on pregnancy outcomes	
Ahkam Göksel Kanmaz, Abdurrahman Hamdi İnan, Emrah Beyan, Adnan Budak.....	195
Short-term dexamethasone plus acetylsalicylic acid treatment during in vitro fertilization procedure	
Dejan Mitic, Jelena M. Milenkovic, Maja Milojkovic, Miljan Jeremic, Aleksandra Petric, Marin Basic.....	201
Rational control of arterial pressure during labor in women with arterial hypertension	
Iryna Yevhenivna Humenna, Svitlana Nikolayivna Heryak, Victoria Yuriyivna Dobryanska.....	206
The relevance of <i>IL-1β</i> and <i>IL-1RN</i> gene polymorphisms in the etiology of preterm delivery in the population of Polish women	
Magdalena Barlik, Aleksandra E. Mrozikiewicz, Elzbieta Drews-Piasecka, Grazyna Kurzawinska, Zbyszko Malewski, Krzysztof Drews.....	212
Predictors of adverse perinatal outcomes in intrahepatic cholestasis of pregnancy	
Samettin Çelik, Canan S. Çalışkan, Handan Çelik, Mehmet Güçlü, Alper Başbuğ	217

REVIEW PAPER GYNECOLOGY

Semaphorin 3A (SEMA3A), protocadherin 9 (PCDH9), and S100 calcium binding protein A3 (S100A3) as potential biomarkers of carcinogenesis and chemoresistance of different neoplasms, including ovarian cancer — review of literature	
Natalia Izycka, Karolina Sterzynska, Radoslaw Januchowski, Ewa Nowak-Markwitz.....	223

REVIEW PAPER OBSTETRICS

The early years of life. Are they influenced by our microbiome?	
Adam Jagodzinski, Ewa Zielinska, Lukasz Laczmanski, Lidia Hirnle	228

CLINICAL VIGNETTE

Hodgkin lymphoma in pregnancy — current management practice based on case report series	
Renata Kroll-Balcerzak, Marta Baranska, Lidia Gil, Maciej Kazmierczak, Andrzej Balcerzak, Dariusz Izycki.....	233

VOL 90, NO 5

ORIGINAL PAPERS GYNECOLOGY

Prognostic value of tissue plasminogen activator (tPA) in patients with epithelial ovarian cancer undergoing chemotherapy	
Justyna Teliga-Czajkowska, Jacek Sienko, Katarzyna Jaliniak, Roman Smolarczyk, Krzysztof Czajkowski.....	235

The expression of Platelet-Derived Growth Factor Receptors (PDGFRs) and their correlation with overall survival of patients with ovarian cancer

Sebastian Szubert, Rafal Moszynski, Dariusz Szpurek, Bartłomiej Romaniuk,
Stefan Sajdak, Michał Nowicki, Sławomir Michałak 242

A study of physical activity levels of pregnant women using the Polish version of Pregnancy Physical Activity Questionnaire (PPAQ-PL)

Katarzyna Zdziślawa Antosiak-Cyrak, Anna Demuth 250

The relationship between body mass index, body composition and premenstrual syndrome prevalence in girls

Małgorzata Mizgier, Grażyna Jarząbek-Bielecka, Ewa Jakubek, Witold Kedzia 256

Is polycystic ovarian syndrome and insulin resistance associated with abnormal uterine bleeding in adolescents?

Ewa Urbanska, Lidia Hirnle, Małgorzata Olszanecka-Glinianowicz,
Violetta Skrzypulec-Plinta, Agnieszka Skrzypulec-Frankel, Agnieszka Drosdzol-Cop 262

**ORIGINAL PAPERS
OBSTETRICS**

Non-invasive prenatal testing for detection of trisomy 13, 18, 21

and sex chromosome aneuploidies in 8594 cases

Yunyun Zheng, Shanning Wan, Yinghui Dang, Tingting Song, Biliang Chen, Jianfang Zhang 270

Use of alternative methods in the treatment of anemia in pregnant women – prospective observational study

Dorota Estemberg, Paweł Biesiada, Urszula Kowalska-Koprek, Olga Pietrzak,
Klaudia Krygier-Kurz, Jakub Kazmierczak, Agata Karowicz-Bilinska 274

Randomized comparison of two methods of the epidural space identification during regional labour analgesia

Larysa Duniec, Jan Bilawicz, Marcin Chlebus, Bronisława Pietrzak, Miroslaw Wielgos 279

Ophthalmological and obstetric management in pregnant women with retinal disorders

Joanna Moneta-Wielgos, Michał Lipa, Joanna Brydak-Godowska, Marek Rekas, Miroslaw Wielgos 285

CLINICAL VIGNETTE

Use of holmium laser for OHVIRA syndrome treatment

Grzegorz Kudela, Agnieszka Bialka, Tomasz Koszutski, Agnieszka Drosdzol-Cop 289

VOL 90, NO 6

**ORIGINAL PAPERS
GYNECOLOGY**

**Different treatment modalities and outcomes in cesarean scar pregnancy:
a retrospective analysis of 31 cases in a university hospital**

Adnan Orhan, İşıl Kasapoğlu, Bilge Çetinkaya Demir, Kemal Özerkan, Nergis Duzok, Gürkan Uncu 291

GATA-3 Stimulates Proliferation of Endometriotic Cells

Peng Chen, Fang Ren, Dan-Bo Wang 308

**Lower uterine segment involvement in lymphovascular space invasion
and lymph node metastasis in endometrioid endometrial cancer**

Hakan Cokmez, Alpay Yilmaz 314

Symptomatic uterine fibroids in pregnancy — wait or operate? Own experience

Anna Fuchs, Agnieszka Dulska, Jerzy Sikora, Iwona Czech, Violetta Skrzypulec-Plinta, Agnieszka Drosdzol-Cop 320

ORIGINAL PAPERS OBSTETRICS

Skin markers and the prediction of intraabdominal adhesion during second Cesarean delivery

Zainab Abdul Ameer Jaafar, Reshed Zeki Obeid, Dina Akeel Salman 325

Comparison of the diagnostic value of histopathological examinations of miscarriage products after pharmacological induction of miscarriage and curettage

Jakub Sliwa, Anna Kryza-Ottou, Anna Rosner-Tenerowicz, Maciej Kaczorowski, Mariusz Zimmer, Zygmunt Domagala 331

REVIEW PAPERS GYNECOLOGY

New therapeutic approaches in the treatment of node-positive cervical cancer patients based on molecular targets: a systematic review

Marcin Sniadecki, Anna Swierzko, Mateusz Dabkowski, Marzenna Orlowska-Volk, Ewa Wycinka, Dagmara Klasa-Mazurkiewicz, Agnieszka Milewska, Patryk Poniewierza, Marcin Liro, Dariusz Wydra 336

REVIEW PAPERS OBSTETRICS

Aortic dissection during pregnancy — obstetric perspective

Elzbieta Poniedzialek-Czajkowska, Agata Sadowska, Radzislaw Mierzynski, Bozena Leszczynska-Gorzelak 346

CLINICAL VIGNETTE

Natural history of caesarean scar pregnancy

Michał Pomorski, Tomasz Fuchs, Joanna Budny-Winska, Aleksandra Zimmer, Mariusz Zimmer 351

RECOMMENDATIONS

Treatment guidelines for acquired hemophilia A

Jerzy Windyga, Beata Baran, Edyta Odnoczko, Anna Buczma, Krzysztof Drews, Piotr Laudanski, Bronislawa Pietrzak, Piotr Sierszewski 353

VOL 90, NO 7

ORIGINAL PAPERS GYNECOLOGY

Laparoscopic versus vaginal cuff closure in laparoscopic hysterectomy: does it affect female sexuality?

Betul Dundar, Burcu Dincgez Cakmak, Yeliz Aykanat, Asli Ceren Macunluoglu 365

Circulating sclerostin levels in relation to nutritional status, sex hormones and selected bone turnover biochemical markers levels in peri- and postmenopausal women

Mariola Czajkowska, Ryszard Plinta, Aleksander Owczarek, Magdalena Olszanecka-Glinianowicz, Violetta Skrzypulec-Plinta 371

ORIGINAL PAPERS OBSTETRICS

The adaptation of Polish version of the Readiness for Hospital Discharge Scale (RHDS) for postpartum mothers

Malgorzata Nagorska, Dorota Darmochwal-Kolarz 376

Serum homocysteine and vitamin B12 levels in women with gestational diabetes mellitus

Sandra Radzicka, Katarzyna Ziolkowska, Mikolaj Piotr Zaborowski, Jacek Brazert, Marek Pietryga 381

Maternal factors, ultrasound and placental function parameters in early pregnancy as predictors of birth weight in low-risk populations and among patients with pre-gestational diabetes

Anna Gasiorowska, Agnieszka Zawiejska, Piotr Dydowicz, Ewa Wender-Ozegowska,
Grzegorz Poprawski, Kinga Tobola-Wrobel, Katarzyna Ziolkowska, Marek Pietryga 388

Secondary cervical cancer prevention in routine prenatal care — coverage, results and lessons for the future

Karolina Kuczborska, Joanna Kacperczyk-Bartnik, Marta Wolska, Monika Pluta,
Pawel Bartnik, Agnieszka Dobrowolska-Redo, Ewa Romejko-Wolniewicz 396

Therapeutic hypothermia in asphyxiated newborns: selective head cooling vs. whole body cooling — comparison of short term outcomes

Ewa Matylda Gulczynska, Janusz Gadzinowski, Marcin Kesiak, Barbara Sobolewska,
Joanna Caputa, Anna Maczko, Wojciech Walas, Wioletta Cedrowska-Adamus, Tomasz Talar 403

Exposure to dolutegravir in pregnant women living with HIV in Central and Eastern Europe and neighboring countries — data from the ECEE Network Group

Deniz Gokengin, Inka Aho, Figen Sarigül Yıldırım, Pavla Bukovinova, Ewa Siwak,
Antonios Papadopoulos, Dalibor Sedlacek, Justyna Kowalska 411

Neonatal survival and kidney function after prenatal interventions for obstructive uropathies

Marcin Tkaczyk, Małgorzata Stanczyk, Waldemar Krzeszowski, Justyna Wojtera, Magdalena Litwinska,
Katarzyna Forteca-Piestrzeniewicz, Tomasz Talar, Barbara Pawłowska, Dariusz Olejniczak, Michał Podgórski,
Rafał Świechowski, Adrian Krygier, Agnieszka Wosiak, Krzysztof Szaflik 416

REVIEW PAPERS

GYNECOLOGY

Metrorrhagia iuvenilis and Premenstrual Syndrome as frequent problems of adolescent gynecology with aspects of diet therapy

Grazyna Jarzabek Bielecka, Małgorzata Mizgier, Witold Kedzia 423

CLINICAL VIGNETTE

Pregnancy in a 29-year-old woman in cerebral death

Tomasz Piskorz, Karolina Jakubiec-Wisniewska 430

VOL 90, NO 8

ORIGINAL PAPERS

GYNECOLOGY

Evaluation of occult uterine *leiomyosarcomas*

Emrah Beyan, Ahkam Göksel Kanmaz, Abdurrahman Hamdi İnan, Volkan Karataşlı,
Sadettin Oğuzhan Tutar, Murat Alan, Emrah Töz, Muzaffer Sancı 433

Analyzing the clinical significance of postoperative methotrexate in the management of early abdominal pregnancy: analysis of 10 cases

Emmanuel Ansong, Gaby Sukma Illahi, Laien Shen, Xueqing Wu 438

ORIGINAL PAPERS

OBSTETRICS

Safety and success rate of vaginal birth after two cesarean sections: retrospective cohort study

Jan Modzelewski, Monika Jakubiak-Proc, Anna Materny, Maria Sotnickuk, Anna Kajdy, Michał Rabijewski 444

Assessment of selected parameters of placental microstructure in patients with intrahepatic cholestasis of pregnancy

Milena Gruszczynska-Losy, Ewa Wender-Ozegowska, Przemysław Wirstlein, Małgorzata Szczępanska 452

Association between intrahepatic cholestasis in pregnancy and gestational diabetes mellitus.**A retrospective analysis**

Agata Majewska, Bartosz Godek, Dorota Bomba-Opon, Miroslaw Wielgos 458

**REVIEW PAPERS
OBSTETRICS****Evaluation of asthma course in pregnancy**

Agnieszka Rey, Ewa Jassem, Marta Chelminska 464

Pregnant surgeon — assessment of potential harm to the woman and her unborn child

Aleksandra Szczesna, Kinga Grzelak, Monika Bieniasz, Joanna Kacperczyk-Bartnik, Agnieszka Dobrowolska-Redo, Paweł Bartnik, Julia Zareba-Szczudlik, Ewa Romejko-Wolniewicz 470

**Saliva, hair, tears, and other biological materials obtained non-invasively for diagnosis in pregnancy:
a literature review**

Aleksandra Zyguła, Przemysław Kosinski, Miroslaw Wielgos 475

RECOMMENDATIONS**Polish Society of Gynecologists and Obstetricians Guidelines for the application of hysteroscopy in gynecology**

Mariusz Zimmer, Michał Pomorski, Paweł Kamiński, Jacek Doniec, Hubert Huras, Piotr Sieroszewski, Jerzy Sikora, Rafał Stojko, Artur Ludwin, Michał Radwan, Tomasz Fuchs 482

CLINICAL VIGNETTE**Laparoscopic treatment of an intrauterine device mislocated in the abdominal region**

Jakub Śliwa, Tomasz Fuchs, Anna Kryza-Ottou, Mariusz Zimmer 490

VOL 90, NO 9**ORIGINAL PAPERS
GYNECOLOGY****Prognostic role of PET/CT in endometrial cancer**

Ahmet Yanarateş, Emine Budak 491

**Palliative treatment of intestinal obstruction in patients with gynecologic malignancies
— single center experience**

Joanna Kacperczyk-Bartnik, Aleksandra Helena Symonides, Paweł Bartnik, Agnieszka Dobrowolska-Redo, Ewa Romejko-Wolniewicz, Krzysztof Czajkowski, Paweł Derlatka 496

Stress urinary incontinence after labor and satisfaction with sex life

Grazyna Stadnicka, Anna Stodolak, Anna B. Pilewska-Kozak 500

**A comparison in an experimental rat model of the effects on adhesion formation
of different hemostatic methods used in abdominopelvic surgery**

Erkan Mavigök, Murat Bakacak, Fatih Mehmet Yazar, Zeyneb Bakacak, Aslı Yaylalı, Ömer Faruk Boran, Abdulkadir Yasir Bahar 507

**Comparison of the protective effects of sildenafil, vardenafil and tadalafil treatments
in ischemia-reperfusion injury in rat ovary**

Onder Sakin, Ali Doğukan Anğıın, Emine Eda Akalın, Muzaffer Seyhan Cikman, Kayhan Basak, Asuman Orcun Kaptanagasi 513

**Anti-androgenic therapy in young patients and its impact on intensity of hirsutism,
acne, menstrual pain intensity and sexuality — a preliminary study**

Anna Fuchs, Aleksandra Matonog, Paulina Sieradzka, Joanna Pilarska, Aleksandra Hauzer, Iwona Czech, Agnieszka Drosdzol-Cop 520

ORIGINAL PAPERS OBSTETRICS

Nutritional behavior in pregnancy

Natalia Misan, Katarzyna Paczkowska, Magdalena Szmyt, Katarzyna Kapska,
Lidia Tomczak, Grzegorz H. Breborowicz, Mariola Ropacka-Lesiak.....527

Donor human milk in Neonatal Intensive Care Unit — to whom, how much and how long?

Izabela M. Lehman, Barbara Broers, Matylda Czosnykowska-Lukacka,
Weronika Wesolowska, Lucyna Swiderska, Barbara Krolak-Olejnik534

Complete placenta previa in the second trimester: clinical and sonographic factors associated with its resolution

Xueyin Li, Yun Feng.....539

Preferences and expectations among Polish women regarding prenatal screening

Przemyslaw Kosinski, Jose Carlos PB Ferreira, Michal Lipa, Martyna Kajurek,
Karolina Kurlenko, Paulina Michalska, Miroslaw Wielgos544

VOL 90, NO 10

ORIGINAL PAPERS GYNECOLOGY

Obesity as a risk factor of in-hospital outcomes in patients with endometrial cancer treated with traditional surgical mode

Slawomir M. Januszek, Edyta Barnas, Joanna Skret-Magierlo, Jakub Sokolowski, Paweł Sczerba,
Rafał Januszek, Wojciech Domka, Tomasz Lozinski, Marek Kluza, Tomasz Kluz.....549

The parameters to estimate postoperative severe complications classified through Clavien-Dindo after upper abdominal surgery in patients with primary and recurrent ovarian cancer

Yakup Yalcin, Burak Tatar, Ebru Erdemoglu, Evrim Erdemoglu557

The value of PET/CT in determining lymph node metastasis of endometrial cancer

Emine Budak, Ahmet Yanarates565

The role of nesfatin and selected molecular factors in various types of endometrial cancer

Anna Markowska, Monika Szarszewska, Paweł Knapp, Anna Grybos, Marian Grybos, Andrzej Marszałek,
Violetta Filas, Katarzyna Wojcik-Krowiranda, Małgorzata Swornik, Janina Markowska571

Comparison of the harmonic scalpel with scissors in women who experience obturator nerve injury during lymph node dissection for gynaecological malignancies

Emsal Pinar Topdagı Yilmaz, Yunus Emre Topdağı, Nuray Bilge, Yakup Kumtepe.....577

GLUT1 expression is a supportive mean in predicting prognosis and survival estimates of endometrial carcinoma

Mohamad Nidal Khabaz, Imtiaz Ahmad Qureshi, Jaudah Ahmad Al-Maghribi582

Body mass composition and dietary habits in adolescents with polycystic ovary syndrome

Agnieszka A. Bialka-Kosiec, Krzysztof Wilk, Magdalena Pytel,
Violetta Skrzypulec-Plinta, Rafał Stojko, Agnieszka Drosdzol-Cop.....589

ORIGINAL PAPERS OBSTETRICS

The relationship between IGF1 and the expression spectrum of miRNA in the placenta of preeclampsia patients

Xiaoju He, Lu Zhao, Lulu Yue, Wei Zhang, Wanzen Wang, Yuanping Fu, Yueying Feng, Fen Fu596

**The absence of fetal nasal bones in ultrasound examination between 11 + 0
and 13 + 6 weeks of gestation versus the occurrence of trisomies 21, 18, and 13**

Katarzyna M. Wojda, Hanna Moczulska, Piotr J. Sierszewski 604

Early potential metabolic biomarkers of primary postpartum haemorrhage based on serum metabolomics

Tingting Chen, Ruoxi Zhang, Yidong Zhang, Wenjun Yuan 607

VOL 90, NO 11

**ORIGINAL PAPERS
GYNECOLOGY**

Clinical evaluation of transvaginal myomectomy surgery: a retrospective study of 138 cases

Yinghan Chen, Danbo Wang, Fang Ren 617

**The assessment of spectral Doppler parameters in uterine arteries of patients
with locally advanced squamous cell cervical cancer**

Adam Tomalczyk, Bartłomiej Tomasiak, Małgorzata Moszynska-Zielinska, Jacek Fijuth, Michał Spych, Leszek Gottwald 622

**Use of electrical impedance spectroscopy as an adjunct to colposcopy in a pathway
of cervical intraepithelial neoplasia diagnostics**

Wojciech Homola, Tomasz Fuchs, Paweł Baranski, Aleksandra Zimmer, Mariusz Zimmer, Michał Pomorski 628

Risk factors of sexual dysfunctions in postmenopausal women

Beata Naworska, Monika Bak-Sosnowska 633

Perioperative outcomes of bipolar energy instruments in total laparoscopic hysterectomy

Yakup Yalcin, Serenat Eris Yalcin 640

**ORIGINAL PAPERS
OBSTETRICS**

Perinatal outcome in preterm premature rupture of membranes before 37 weeks of gestation

Małgorzata Świątkowska-Freund, Anetta Traczyk-Los, Anna Partyka,
Kamil Obara, Altankhorol Damdinsuren, Krzysztof Preis 645

**Evaluation of catalase, myeloperoxidase and ferroxidase values in pregnant women with hyperemesis
gravidarum**

Serhat Ege, Muhammed Hanifi Bademkiran, Nurullah Peker, Selami Erdem, İhsan Bağlı,
Ruşen Köçeroğlu, Bekir Kahveci, Recep Yıldızhan, Özcan Erel, Eşref Araç 651

**The effect of vaginal bleeding and non-specific pelvic pain on pregnancy outcomes
in subchorionic hematomas cases**

Talip Karaçor, Mehmet Bülbül, Mehmet Can Nacar, Pınar Kırıcı, Nurullah Peker, Elif Ağaçayak 656

**REVIEW PAPERS
OBSTETRICS**

**Application of auxological methods, including dental age estimation,
in the assessment of delayed puberty in girls in gynecological practice**

Magdalena Durda-Masny, Grażyna Jarzabek-Bielecka, Justyna Opydo-Szymaczek,
Agnieszka Przystanska, Małgorzata Mizgier, Witold Kedzia 662

CLINICAL VIGNETTE

Successful *in vitro* fertilization, twin pregnancy and labor in a woman with inherited propionic acidemia

Anna Wojtowicz, Melanie Hill, Strobel Spencer, Godfrey Gillett, Beata Kiec-Wilk 667

ORIGINAL PAPERS
GYNECOLOGY

Ca2+ channel subunit a 1D inhibits endometriosis cell apoptosis and mediated by prostaglandin E2

Yuan Yang, Yue Yuan, Xiaoling Ma, Fuling Xing 669

The prognostic significance of serum CA125 levels with ER, PR, P53 and Ki-67 expression in endometrial carcinomas

Emine Budak, Dudu Solakoglu Kahraman, Adnan Budak, Ahmet Yanarateş,
Abdurrahman Hamdi Inan, Ahkam Göksel Kanmaz, Emrah Beyan..... 675

The higher risk for sperm DNA damage in infertile men

Kamil Gill, Aleksandra Rosiak-Gill, Joanna Jakubik, Lukasz Patorski, Mariusz Lukaszuk, Małgorzata Piasecka 684

Factors associated with complications of vaginal hysterectomy in patients with pelvic organ prolapse — a single centre's experience

Nurullah Peker, Edip Aydin, Mustafa Yavuz, Muhammet Hanifi Bademkiran, Serhat Ege, Talip Karaçor, Elif Ağaçayak 692

ORIGINAL PAPERS
OBSTETRICS

Ghrelin does not change in hyperemesis gravidarum

Serhat Ege, Ali Kolusarı, Güler Buğdayçı, Numan Çim, Muhammet Hanifi Bademkiran,
Nurullah Peker, Selami Erdem, Çağdaş Özgökçe, Recep Yıldızhan..... 699

Perinatal hospice care in the opinion of nurses and midwives

Martyna Gruszka, Grzegorz Kudela, Agnieszka Wolny, Tomasz Koszutski, Lidia Hyla-Klekot 702

REVIEW PAPERS
OBSTETRICS

Coexistence of tooth agenesis and ovarian cancer — a systematic literature review

Weronika Gawron-Jakubek, Kazimierz Pitynski, Joanna Spaczynska, Bartłomiej W. Loster..... 707

Changes and analysis of transvaginal forceps delivery rate in primary hospitals in the past 10 years

Liang Qiu Feng, Xi Jie, Wang Xiahong, Yang Lixin 711

Growth charts and prediction of abnormal growth — what is known, what is not known and what is misunderstood

Anna Kajdy, Jan Modzelewski, Krzysztof Herman, Katarzyna Muzyka-Placzynska, Michał Rabijewski 717

Cerebral palsy and obstetric-neonatological interventions

Jakub Młodawski, Marta Młodawska, Grażyna Pażera, Wojciech Michałski, Tomasz Domanski,
Magdalena Dolecka-Slusarczyk, Stanisław Gąslik, Wojciech Rokita..... 722

CLINICAL VIGNETTE

Ovarian ectopic pregnancy

Przemysław Szadok, Filip Kubiaczyk, Aleksandra Bajorek, Sławomir Suchocki 728