

**AGOSTO 2017**

**Society for Maternal-Fetal Medicine (SMFM) Consult Series #43: Hepatitis C in Pregnancy: Screening, Treatment and Management.**

In the United States, 1-2.5% of pregnant women are infected with hepatitis C virus (HCV), which carries an approximately 5% risk of transmission from mother to infant. HCV can be transmitted to the infant in utero or during the peripartum period, and infection during pregnancy is associated with increased risk of..

*Aug 3, 2017: American Journal of Obstetrics and Gynecology*

**Ovarian Conservation Versus Removal at the Time of Benign Hysterectomy.**

Over the last two decades, the rate of oophorectomy at the time of hysterectomy in the U.S. has consistently been between 40 and 50%. A decline in hormone use has been observed since the release of the principle results of the Women's Health Initiative. Oophorectomy appears to be associated with an..

*Aug 4, 2017: American Journal of Obstetrics and Gynecology*

**ASPRE trial: effect of aspirin in prevention of preterm preeclampsia in subgroups of women according to their characteristics and medical and obstetrical history.**

We sought to examine whether there are differences in the effect of aspirin on the incidence of preterm preeclampsia in the ASPRE trial in subgroups defined according to maternal characteristics and medical and obstetrical history. This was a secondary analysis of data from the ASPRE trial. In ASPRE, women with singleton..

*Aug 4, 2017: American Journal of Obstetrics and Gynecology*

**"Mommy, how will the baby get out of your tummy? Will it hurt you?"**

*Aug 2017: American Journal of Obstetrics and Gynecology*

**Systematic review of the limited evidence for different surgical techniques at benign hysterectomy: A clinical guideline initiated by the Danish Health Authority.**

Hysterectomy for benign gynecological conditions is a common operation that has developed extensively through the last 20 years. Methods and surgical techniques vary throughout the regions in Denmark as well as internationally. Consequently, the Danish Health Authority initiated a national clinical guideline on the subject based on a systematic review of..

*Jul 21, 2017: European Journal of Obstetrics, Gynecology, and Reproductive Biology*

**Re-conceptualising stillbirth and revisiting birth surveillance.**

The increased focus on stillbirth related issues in recent years has brought several previously neglected issues 'out of the shadows' [1] and highlighted the need for

greater preventive efforts and better care for bereaved mothers and families. Some issues (such as the option of cesarean delivery for fetal death at late..  
*Aug 7, 2017: BJOG : An International Journal of Obstetrics and Gynaecology*

**Arabin cervical pessary for prevention of preterm birth in cases of twin-to-twin transfusion syndrome treated by fetoscopic LASER coagulation: the PECEP LASER randomized controlled trial.**

Fetoscopic LASER coagulation of the placental anastomoses has changed the prognosis of twin-twin transfusion syndrome. However, the prematurity rate in this cohort remains very high. To date, strategies proposed to decrease the prematurity rate have shown inconclusive, if not unfavourable results. This is a randomized controlled trial to investigate whether a..

*Aug 1, 2017: BMC Pregnancy and Childbirth*

**Giants in Obstetrics and Gynecology Series: A profile of Nathan Kase, MD.**

*Aug 2017: American Journal of Obstetrics and Gynecology*

**Clinical practice guidelines for the care of girls and women with Turner syndrome: proceedings from the 2016 Cincinnati International Turner Syndrome Meeting.**

Turner syndrome affects 25-50 per 100,000 females and can involve multiple organs through all stages of life, necessitating multidisciplinary approach to care. Previous guidelines have highlighted this, but numerous important advances have been noted recently. These advances cover all specialty fields involved in the care of girls and women with TS...

*Sep 2017: European Journal of Endocrinology*

**Treatment of Cholesterol in 2017.**

*Aug 1, 2017: JAMA : the Journal of the American Medical Association*

**For emergency contraception, political gaps are not scientific gaps.**

Emergency contraception (EC) is the only opportunity for women to prevent an unwanted pregnancy after unprotected intercourse. Simple compassion for women who are in this situation combined with solid scientific data to support the safety of oral EC should be enough to promote strategies to expand access to these medications as..

*Aug 7, 2017: BJOG : An International Journal of Obstetrics and Gynaecology*

**Antenatal and intrapartum interventions for preventing cerebral palsy: an overview of Cochrane systematic reviews.**

Cerebral palsy is an umbrella term encompassing disorders of movement and posture, attributed to non-progressive disturbances occurring in the developing fetal or infant brain. As there are diverse risk factors and causes, no one strategy

will prevent all cerebral palsy. Therefore, there is a need to systematically consider all potentially relevant..

*Aug 8, 2017: Cochrane Database of Systematic Reviews*

### **Comparison of Subcuticular Suture Type for Skin Closure After Cesarean Delivery: A Randomized Controlled Trial.**

To compare the rate of wound complications among women who underwent cesarean delivery through a Pfannenstiel skin incision followed by subcuticular closure with either poliglecaprone 25 suture or polyglactin 910 suture. Patients undergoing nonemergent cesarean delivery at or beyond 37 weeks of gestation were randomized to undergo subcuticular skin closure with..

*Sep 2017: Obstetrics and Gynecology*

### **Neonatal Outcomes of Low-Risk, Late-Preterm Twins Compared With Late-Preterm Singletons.**

To test the hypothesis that the risk of neonatal morbidity among late-preterm twins is similar to that of late-preterm singletons. We conducted a retrospective cohort study of all women with twin or singleton pregnancy who gave birth during the late-preterm period in a single tertiary center between 2008 and 2015.

Neonatal..

*Sep 2017: Obstetrics and Gynecology*

### **Evaluation of prenatal corticosteroid use in spontaneous preterm labor in the Brazilian Multicenter Study on Preterm Birth (EMIP).**

To evaluate prenatal corticosteroid use in women experiencing spontaneous preterm labor and preterm delivery. The present cross-sectional multicenter study analyzed interview data from patients attending 20 hospitals in Brazil owing to preterm delivery between April 1, 2011, and September 30, 2012. Patients were stratified based on preterm labor occurring before 34..

*Aug 13, 2017: International Journal of Gynaecology and Obstetrics*

### **Vaginal and Laparoscopic hysterectomy as an outpatient procedure: A systematic review.**

Laparoscopic and vaginal hysterectomies are common gynaecological procedures. Same-day discharge is usual care in various gynaecological procedures like laparoscopic sterilisation and laparoscopic oophorectomies. In major procedures like vaginal or laparoscopic hysterectomy patients are usually admitted overnight. We systematically reviewed the literature to identify complications, risk factors for (re)admittance, financial consequences and..

*Jul 22, 2017: European Journal of Obstetrics, Gynecology, and Reproductive Biology*

### **Reference Ranges for Ultrasonographic Measurements of the Uterine Cervix in Low-Risk Pregnant Women.**

**Objective** To define transvaginal ultrasound reference ranges for uterine cervix measurements according to gestational age (GA) in low-risk pregnancies.

**Methods** Cohort of low-risk pregnant women undergoing transvaginal ultrasound exams every 4 weeks, comprising measurements of the cervical length and volume, the transverse and anteroposterior diameters of the cervix, and distance from the entrance..

*Aug 4, 2017: Revista Brasileira de Ginecologia e Obstetrícia*

### **A systematic review of primary outcomes and outcome measure reporting in randomized trials evaluating treatments for pre-eclampsia.**

An evaluation of outcome reporting is required to develop a core outcome set. To assess primary outcomes and outcome measure reporting in pre-eclampsia trials. Five online databases were searched from inception to January 2016 using terms including "pre-eclampsia" and "randomized controlled trial". Randomized controlled trials evaluating treatments for pre-eclampsia published in..

*Aug 13, 2017: International Journal of Gynaecology and Obstetrics*

### **Vaginal Cleansing Before Cesarean Delivery: A Systematic Review and Meta-analysis.**

To assess the efficacy of vaginal cleansing before cesarean delivery in reducing postoperative endometritis. MEDLINE, Ovid, EMBASE, Scopus, Clinicaltrials.gov, and Cochrane Library were searched from their inception to January 2017.

Selection criteria included all randomized controlled trials comparing vaginal cleansing (ie, intervention group) with a control group (ie, either placebo or..

*Sep 2017: Obstetrics and Gynecology*

### **Thyroid disease in pregnancy: new insights in diagnosis and clinical management.**

Adequate thyroid hormone availability is important for an uncomplicated pregnancy and optimal fetal growth and development. Overt thyroid disease is associated with a wide range of adverse obstetric and child development outcomes. An increasing number of studies now indicate that milder forms of thyroid dysfunction are also associated with these adverse..

*Aug 4, 2017: Nature Reviews. Endocrinology*

### **Vasa Previa Diagnosis, Clinical Practice, and Outcomes in Australia.**

To estimate the incidence of women with vasa previa in Australia and to describe risk factors, timing of diagnosis, clinical practice, and perinatal outcomes. A prospective population-based cohort study was undertaken using the Australasian Maternity Outcomes Surveillance System between May 1, 2013, and April 30, 2014, in hospitals in Australia with..

*Sep 2017: Obstetrics and Gynecology*

### **Aspirin to Prevent Preeclampsia.**

New England Journal of Medicine, Volume 377, Issue 7, Page 690-691, August 2017...

*Aug 17, 2017: New England Journal of Medicine*

### **The mechanisms of action of metformin.**

Metformin is a widely-used drug that results in clear benefits in relation to glucose metabolism and diabetes-related complications. The mechanisms underlying these benefits are complex and still not fully understood. Physiologically, metformin has been shown to reduce hepatic glucose production, yet not all of its effects can be explained by this..

*Aug 3, 2017: Diabetologia*

### **Structured Light Plethysmography (SLP): Management and follow up of a paediatric patient with pneumonia.**

Structured Light Plethysmography (SLP) is a non-invasive method to study chest and abdominal movement during breathing and can identify abnormal contributions of the different regions of the chest. M.D hospitalized for pneumonia, underwent SLP and spirometry at admission (T0), after 48 hours (T1), and after one month (T2). SLP parameters showed..

*2017: Respiratory Medicine Case Reports*

### **Effect of early tranexamic acid administration on mortality, hysterectomy, and other morbidities in women with post-partum haemorrhage (WOMAN): an international, randomized, double-blind, placebo-controlled trial.**

Post-partum haemorrhage is the leading cause of maternal death worldwide. Early administration of tranexamic acid reduces deaths due to bleeding in trauma patients. We aimed to assess the effects of early administration of tranexamic acid on death, hysterectomy, and other relevant outcomes in women with post-partum haemorrhage. In this randomized, double-blind,..

*May 27, 2017: Lancet*

### **Stress urinary incontinence in women: Current and emerging therapeutic options.**

Surgical management of stress urinary incontinence (SUI) is most commonly achieved by midurethral synthetic sling (MUS) insertion as a first-line surgical option. A great deal of research continues to evolve new management strategies to reach an optimal balance of high efficacy and minimal adverse events. This expert opinion review provides a..

*Jun 2017: Canadian Urological Association Journal = Journal de L'Association des Urologues du Canada*

**Association of polycystic ovary syndrome with metabolic syndrome and gestational diabetes: Aggravated complication of pregnancy.**

Polycystic ovary syndrome (PCOS) affects 5-20% of the reproductive age women globally. PCOS is diagnosed by the presence of hyperandrogenism, oligo-anovulation, and polycystic morphology of at least one ovary. Insulin resistance (IR), hyperinsulinemia and associated metabolic abnormalities including metabolic syndrome play a significant role in the development of PCOS. The chances..

*Aug 2017: Experimental and Therapeutic Medicine*

**Color and power Doppler combined with Fetal Intelligent Navigation Echocardiography (FINE) to evaluate the fetal heart.**

To evaluate the performance of color and bidirectional power Doppler ultrasound combined with Fetal Intelligent Navigation Echocardiography (FINE) in examining the fetal heart. A prospective cohort study was conducted of fetuses in the second and third trimesters with a normal heart or with congenital heart disease (CHD). One or more spatiotemporal..

*Aug 14, 2017: Ultrasound in Obstetrics & Gynecology*

**Associations between residual disease and survival in epithelial ovarian cancer by histologic type.**

Surgical cytoreduction has been postulated to affect survival by increasing the efficacy of chemotherapy in ovarian cancer. We hypothesized that women with high-grade serous ovarian cancer, which usually responds to chemotherapy, would derive greater benefit from complete cytoreduction than those with histologic subtypes that are less responsive to chemotherapy, such as..

*Aug 16, 2017: Gynecologic Oncology*

**Oocyte competence in in vitro fertilization and intracytoplasmic sperm injection patients suffering from endometriosis and its possible association with subsequent treatment outcome: a matched case-control study.**

Endometriosis affects up to 15% of women of reproductive age. There is an obvious lack of studies dealing with morphological parameters of oocyte morphology in endometriosis patients in assisted reproduction. One aim of the study is to describe oocyte morphology in patients undergoing intracytoplasmic sperm injection suffering from endometriosis. In addition,..

*Jun 2017: Acta Obstetrica et Gynecologica Scandinavica*

**2017 Guidelines of the American Thyroid Association for the Diagnosis and Management of Thyroid Disease During Pregnancy and the Postpartum.**

Thyroid disease in pregnancy is a common clinical problem. Since the guidelines for the management of these disorders by the American Thyroid Association (ATA) were first published in 2011, significant clinical and scientific advances have occurred in the field. The aim of these guidelines is to inform clinicians, patients, researchers, and..

*Mar 2017: Thyroid : Official Journal of the American Thyroid Association*