

**LISTE DE PUBLICATIONS*****a. Articles originaux publiés ou acceptés dans des journaux avec politique éditoriale et facteur d'impact***

**Jastrow N**, Chardonnens D, Araman M, Meisser A, Campana A, Bischof P. Effect of hydrosalpinx fluid on secretion of trophoblastic matrix metalloproteinases.

Fertil Steril. 2002; 77(3):588-94

**Impact factor 2002: 3.202**

Morales M, Ceysens G, **Jastrow N**, Viardot C, Faron G, Vial Y, Kirkpatrick C, Irion O, Boulvain M. Spontaneous delivery or manual removal of the placenta during caesarean section: a randomised controlled trial. BJOG. 2004; 111(9):908-12

**Impact factor 2004: 2.326**

**Jastrow N**, Antonelli E, Boulvain M, Robyr R, Irion O. Interobserver and intraobserver variability in ultrasound of lower uterine segment after a previous cesarean section.

Ultrasound Obstet Gynecol. 2006;27:420-4

**Impact factor 2006: 2.288**

Bujold E, **Jastrow N**, Simoneau J, Brunet S, Gauthier RJ. Prediction of complete uterine rupture by sonographic evaluation of the lower uterine segment. Am J Obstet Gynecol. 2009; 201 (3): 320-6

**Impact factor 2009: 3.278**

Bergeron ME, **Jastrow N**, Brassard N, Paris G, Bujold E. Sonography of lower uterine segment thickness and prediction of uterine rupture. Obstet Gynecol. 2009;113(2 Pt 2):520-2.

**Impact factor 2009: 4.357**

**Jastrow N**, Gauthier RJ, Gagnon G, Leroux N, Beaudoin F, Bujold E. Impact of labor at prior cesarean on lower uterine segment thickness in subsequent pregnancy. Am J Obstet Gynecol. 2010; 202(6):563.e1-7

**Impact factor 2010: 3.313**

**Jastrow N**, Roberge S, Gauthier RJ, Laroche L, Duperron L, Brassard N, Bujold E.

Effect of birth weight on adverse obstetrical outcomes in vaginal birth after cesarean. Obstet Gynecol. 2010; 115 (2 Pt 1): 338-43

**Impact factor 2010: 4.392**

**Jastrow N**, Meyer P, Khairy P, Lise-Andrée Mercier, Annie Dore, François Marcotte, Leduc L. Prediction of complications in pregnant women with cardiac diseases referred to a tertiary center, Int J Cardiol. 2011 Sep 1; 151(2):209-13.

**Impact factor 2011: 7.078**

Söhnchen N, Melzer K, Tejada BM, **Jastrow-Meyer N**, Othenin-Girard V, Irion O, Boulvain M, Kayser B. Maternal heart rate changes during labour. Eur J Obstet Gynecol Reprod Biol. 2011; 158(2):173-8

**Impact factor 2011: 1.974**

Roberge S, Chaillet N, Boutin A, Moore L, **Jastrow N**, Brassard N, Gauthier RJ, Hudic I, Shipp TD, Weimar CH, Fatusic Z, Demers S, Bujold E. Single- versus double-layer closure of the hysterotomy incision during cesarean delivery and risk of uterine rupture. Int J Gynaecol Obstet. 2011; 115(1):5-10

**Impact factor 2011: 2.045**

Laflamme SM, **Jastrow N**, Girard M, Paris G, Berube L, Bujold E. Pitfall in Ultrasound Evaluation of Uterine Scar from Prior Preterm Cesarean Section. Am J Perinatol Rep 2011; 1: 65-68

**Impact factor 2011 (Am J Perinatol): 1.316**

Boutin A, **Jastrow N**, Girard M, Roberge S, Chaillet N, Brassard N, Bujold E. Reliability of two-dimensional transvaginal sonographic measurement of lower uterine segment thickness using dynamic sequences. Am J Perinatol 2012; 29(7):527-32.

**Impact factor 2012: 1.574**

Boutin A, **Jastrow N**, Roberge S, Chaillet N, Bérubé L, Brassard N, Girard M, Bujold E. Reliability of three-dimensional transvaginal sonographic measurement of lower uterine segment thickness. J Ultrasound Med 2012 Jun;31(6):933-9.

**Impact factor 2012: 1.402**

Roberge S, Boutin A, Chaillet N, Moore L, **Jastrow N**, Demers S, Bujold E. Systematic review of the cesarean scar assessment in non-pregnant state: imaging techniques and uterine scar defect, Am J Perinatol 2012 Jun;29(6):465-72.

**Impact factor 2012: 1.574**

**Jastrow N**, Demers S, Gauthier RJ, Chaillet N, Brassard N, Bujold E. Adverse obstetrical outcomes in women with previous cesarean for dystocia in second stage of labor. Am J Perinatol. 2013 Mar;30(3):173-8

**Impact factor 2013: 1.597**

Martinez De Tejada B, **Jastrow N**, Poncet A, Le SCouezec, Irion O, Kayser B. Perceived and measured physical activity and mental stress levels in obstetricians: a prospective observational study. Eur J Obstet Gynecol Reprod Biol. 2013 Nov;171(1):44-8.

**Impact factor 2013: 1.627**

Le Tinier B, Jungo-Nançoz C, McCarey C, **Jastrow N**. Rupture of maternal splenic artery aneurysm and fetal demise. Clin Exp Obstet Gynecol. 2015; 42(3):381-3.

**Impact factor 2014: 0.424**

Guenot C, Robyr R, **Jastrow Meyer N**, Vial Y, Raio L, Baud D. Management of very early spontaneous twin anemia-polycythemia sequence in an obese patient with a whole anterior

placenta. Twin Res Hum Genet. 2016; 19(2):154-7.

**Impact factor 2015: 2.339**

**Jastrow N**, Demers S, Chaillet N, Girard M, Gauthier RJ, Pasquier JC, Abdous B, Vachon-Marceau C, Marcoux S, Irion O, Brassard N, Boulvain M, Bujold E. Lower uterine segment thickness to prevent uterine rupture and adverse perinatal outcomes: a multicenter prospective study. Am J Obstet Gynecol. 2016; 215(5): 604.e1-604.e6.

**Impact factor 2015: 4.681**

Vachon-Marceau C, Demers S, Bujold E, Roberge S, Gauthier RJ, Pasquier JC, Girard M, Chaillet N, Boulvain M, **Jastrow N**. Single versus double-layer uterine closure at cesarean: impact on lower uterine segment thickness at next pregnancy. Am J Obstet Gynecol. 2017 ; 217(1) ; Pages 65.e1–65.e5

**Impact factor 2016: 5.574**

Martillotti G, Boehlen F, Robert-Ebadi H, **Jastrow N**, Righini M, Blondon M. Treatment options for severe pulmonary embolism during pregnancy and the postpartum period: a systematic review. J Thromb Haemost. 2017; 15(10):1942-1950.

**Impact factor 2016: 5.287**

De Grasset J; Audétat MC; Bajwa NM; **Jastrow N**; Richard-Lepouriel H; Nendaz, M; Junod Perron N. Medical students' professional identity development from being actors in a faculty development Objective Structured Teaching Exercise. Med Teach. 2018, Apr 22:1-8. doi: 10.1080/0142159X.2018.1457212

**Impact factor 2017: 2.355**

***b. Revues publiées ou acceptées dans des journaux avec politique éditoriale et facteur d'impact***

Irminger-Finger I, **Jastrow N**, Irion O. Preeclampsia: a danger growing in disguise. Int J Biochem Cell Biol. 2008;40(10):1979-83

**Impact factor 2008: 4.178**

***c. Editoriaux publiés ou acceptés dans des journaux avec politique éditoriale et facteur d'impact***

Roberge S, Chaillet N, Boutin A, Moore L, **Jastrow N**, Brassard N, Gauthier RJ, Hudic I, Shipp TD, Weimar CH, Fatusic Z, Demers S, Bujold E. Single-versus double-layer closure of the hysterotomy incision during cesarean delivery and risk of uterine rupture, *Obstet and Gynecol Survey*. 2012, 67 (1): 14-1 (commentary of editorial)

**Impact factor 2012: 2.514**

Boulvain M, Benski AC, **Jastrow N**. Commentary on 'Safety concerns for planned vaginal birth after caesarean section in sub-Saharan Africa'. *BJOG: An International Journal of Obstetrics & Gynaecology* 2014;121:141-144 (commentary of editorial)

**Impact factor 2014: 3.448**

**Jastrow N**, Vikhareva O, Gauthier R, Irion O, Boulvain M, Emmanuel Bujold. Third trimester assessment of the uterine scar in women with prior cesarean: what is the evidence? *Ultrasound Obstet Gynecol*, 2016, 47(4):410-4.

**Impact factor 2015: 4.197**

*d. Lettres publiées ou acceptées dans des journaux avec politique éditoriale et facteur d'impact*

**Jastrow N**, Gauthier RJ, Bujold E. Re: Elective cesarean delivery, neonatal intensive care unit admission, and neonatal respiratory distress. *Obstet Gynecol*. 2008 Jul;112(1):183-4

**Impact factor 2008: 4.397**

Bujold E, **Jastrow N**, Gauthier RJ. Assessment of the rate of uterine rupture at the first prenatal visit: a preliminary evaluation. *J Matern Fetal Neonatal Med*. 2008 Jul;21(7):507-8

**Impact factor 2008: 1.089**

**Jastrow N**, Irion O, Roberge S, Bujold E. Clinical importance of appearance of cesarean hysterotomy scar at transvaginal ultrasonography in nonpregnant women. *Obstet Gynecol*. 2011 Jun;117(6):1438

**Impact factor 2011: 4.730**

Boulvain M, **Jastrow N**, Irion O. Fetal macrosomia : induction of labour or expectant management ? Reply. *Lancet*, Volume : 386 Issue : 10004 : 1629-1630

**Impact factor 2014: 45.217**

*e. Articles originaux, revues ou lettres publiées dans des journaux sans politique éditoriale*

**Meyer NJ**, Gauthier RJ, Bujold E. Sonographic measurement of the lower uterine segment thickness: is it truly predictive of uterine rupture? *J Obstet Gynaecol Can*. 2008 Apr;30(4):307-8.

**Jastrow N**, Chaillet N, Roberge S, Gauthier RJ, Morency AM, Bujold E. Ultrasonographic evaluation of the lower uterine segment and risk of uterine scar defect in women with prior cesarean: a systematic review, *J Obstet Gynaecol Can*, 2010 Apr; 32(4):321-7

Bujold E, **Jastrow N**, Gauthier RJ, Brassard N, Francoeur D, Senikas V, Chaillet N. Measurement of the lower uterine segment: are we ready for a clinical application? J Obstet Gynaecol Can, 2010 Apr;32(4):339-40,

**Jastrow N**, Cantero P, Boulvain M, Irion O. Vaginal birth after cesarean delivery: update 2010, Rev Med Suisse. 2010 Oct 27; 6(268):2000-2, 2004

**Jastrow N**, Meyer P, Bouchardy J, Savoldelli G, Irion O. Maternal heart disease and pregnancy: a multidisciplinary approach, Rev Med Suisse. 2011 Oct 26;7(314):2010, 2076-7

**Jastrow N**, Picchiottino P, Savoldelli G, Irion O. Simulation in obstetrics. Rev Med Suisse. 2013 Oct 23;9 (403):1938-40, 1942.

Boulvain M, **Meyer Jastrow N**. Déclenchement de l'accouchement: le pour et le contre, Rev Med Suisse. 2015 Oct 28; 11(492): 2011-2015.

Othenin-Girard V, Bouchet N, Pfister RE, Baud O, **Jastrow N**, Ditisheim A, Berkane N, Martinez De Tejada B. Rev Med Suisse. 2018 Jan 10;14(588-589):42-45.

#### f. *Thèses*

Thèse de doctorat en médecine : Effet de l'hydrosalpinx sur la sécrétion des métalloprotéases des cellules cytotrophoblastiques. Faculté de médecine, Genève 2001

Thèse de Privat Docent : Vaginal birth after cesarean section: assessment of the uterine scar. Faculté de médecine, Genève 2014

#### g. *Conférences sur invitation*

Vaginal birth after cesarean section: assessment of uterine scar, Basel, 2013

La simulation : avenir de l'obstétrique ? Journées d'automne du Groupement romand de la de la Société Suisse de Gynécologie et Obstétrique- GRSSGO, Montreux, 2013

Risk assessment for a vaginal delivery after cesarean section, Neue Aspekte zur Sektio, Fortbildung, Zürich, 2014

Grossesses gémellaires : quand et comment accoucher? Colloque du DGOG, Lausanne, 2014

Prediction of adverse labour outcome by assessment of the caesarean scar, 24th world congress on ultrasound in Obstetrics and Gynecology (ISUOG), 2014, Barcelona

Comment évaluer la cicatrice de césarienne au 1<sup>er</sup> trimestre? Journée de Printemps du Groupement Romand de la Société Suisse de Gynécologie et Obstétrique – GRSSGO, 2015,

Lausanne

Simulation obstétricale en Suisse, Congrès annuel de la Société Suisse de Gynécologie et Obstétrique (SSGO), 2015, Lugano

Induction or elective cesarean in women with prior cesarean? Congrès annuel de la Société Suisse de Gynécologie et Obstétrique (SSGO), 2017, Lausanne

Requirements for a safe trial of labor and intrapartum management in women with previous cesarean, Colloque du DGOG, 2017, Lausanne.

Prise en charge de l'hémorragie du postpartum : point de vue de l'obstétricien, Colloque du DGOG, 2018, Lausanne

#### *h. Abrégés présentés lors de congrès internationaux*

**Jastrow N**, Antonelli E, Boulvain M, Robyr R, Irion O. Interobserver and intraobserver variability in ultrasound of lower uterine segment after a previous cesarean section. 13th world congress on ultrasound in Obstetrics and Gynecology, Paris 2003

Antonelli E, Vial Y, Morales MA, Finci V, **Jastrow N**, Irion O. First trimester 3D and 3D color Doppler ultrasonographic investigation of cardiovascular anatomy of thoraco-omphalopagus twins. 13th world congress on ultrasound in Obstetrics and Gynecology, Paris 2003

**Jastrow N**, Antonelli E, Exterman P, Irion O, Vial Y. First trimester prenatal diagnosis of congenital cystic adenomatoid malformation of the lung. 14th world congress on ultrasound in Obstetrics and Gynecology, Stockholm 2004

Bujold E, **Jastrow N**, Simoneau J, Brunet S, Gauthier RJ. Factors associated with lower uterine segment thickness in women with previous cesarean : a prospective study. 18th world congress on ultrasound in Obstetrics and Gynecology, Chicago 2008

Bergeron ME, **Jastrow N**, Brassard N, Paris G, Bujold E. Sonographic measurement of the lower uterine segment thickness : Need for a consensus to predict uterine rupture. 18th world congress on ultrasound in Obstetrics and Gynecology, Chicago 2008

**Jastrow N**, Morency AM, Gauthier RJ, Lacasse Y, Bujold E. Ultrasonographic evaluation of the lower uterine segment and risk of uterine scar defect in women with prior cesarean: a systematic review. CAOG congress, New Orleans 2008

**Jastrow N**, Gauthier RJ, Simoneau J, Brunet S, Bujold E. Prediction of complete uterine rupture by sonographic evaluation of the lower uterine segment. 29th Annual Meeting, Society for Maternal-Fetal Medicine, San Diego 2009

Roberge S, **Jastrow N**, Bujold E. Imaging techniques for the evaluation of uterine scar after

cesarean section: a systematic review. Birth congress, Chicago 2011

Demers S, **Jastrow N**, Gauthier RJ, Bujold E. Obstetrical outcomes in women with previous cesarean for dystocia in the second stage. The Birth World Congress – “Clinical Challenges in Labor and Delivery”, Chicago 2011

Boutin A, Chaillet N, **Jastrow N**, Brassard N, Bérubé L, Girard M, Tardif L, Bujold E. Measurement of lower uterine segment thickness among women with previous cesarean: reliability of 2-dimensional dynamic and 3-dimensional sonography, 31<sup>th</sup> Annual Meeting, Society for Maternal-Fetal Medicine, San Francisco 2011

**Jastrow N**, Demers S, Gauthier RJ, Chaillet N, Brassard N, Bujold E. Uterine rupture in women with previous cesarean for dystocia in second stage of labor, 32<sup>th</sup> Annual Meeting, Society for Maternal-Fetal Medicine, Dallas 2012

**Jastrow N**, Chaillet N, Gauthier R, Pasquier JC, Boulvain M, Girard M, Demers S, Marcoux S, Bujold E. Lower uterine segment thickness measurement for the prevention of uterine rupture: a prospective study, 34<sup>th</sup> Annual Meeting, Society for Maternal-Fetal Medicine, New Orleans LA, 2014

**Jastrow N**, Chaillet N, Demers S, Girard M, Gauthier R, Pasquier JC, Boulvain M, Bujold E. Lower uterine segment thickness for prevention of uterine rupture and prediction of uterine scar dehiscence: a multicenter prospective study. 24<sup>th</sup> world congress on ultrasound in Obstetrics and Gynecology, Barcelona 2014

Martillotti G, Blondon M, Boehlen F, Righini F, Boulvain M, **Jastrow N**, Irion O, Dufresne N, Rehberg-Klug B, Meyer P, Terraz S, Breguet R, Fontana P. Thrombolysis of massive pulmonary embolism during pregnancy; A case-report and literature review. 6<sup>th</sup> WHITH Berlin meeting, Berlin 2015

Richard-Lepouriel H, Audétat MC, Bajwa N, De Grasset J, **Jastrow N**, Nendaz M, Junod Perron N. Devenir superviseur clinique : le coaching personnalisé favorise-t’il l’apprentissage? Résultats intermédiaires d’une étude interventionnelle. 7<sup>e</sup> Forum international francophone de pédagogie des sciences de la santé, Montréal, 2016

De Grasset J, Audétat MC, Bajwa N, **Jastrow N**, Nendaz M, Richard-Lepouriel H, Junod Perron N. Participation in faculty development programs and student’s development of professional identity. Congrès de l’Association européenne en éducation médicale (AMEE), Barcelona, 2016

De Oliveira Sara, Savoldelli G, Irion O, Haller G, Abdulcadir J, Chilin A, Boucher O, Briet V, Boulvain M, **Jastrow Meyer N**. Sim Mat, simulation for obstetrical emergencies: evaluation of an interprofessional education program including all professionals in charge of pregnant women. Congrès SESAM, Paris, 2017

Junod Perron N, Audétat MC, Bajwa N, De Grasset J, **Jastrow N**, Richard-Lepouriel H, Nendaz M. Faculty development program for clinical supervision: comparison of two

formats of formation. Congrès de l'Association européenne en éducation médicale (AMEE), Helsinki 2017

De Grasset J, Audétat MC, Bajwa N, **Jastrow N**, Nendaz M, Richard-Lepouriel H, Junod Perron N. Programme de développement facultaire pour la supervision: comparaison de deux formats de formation. Société internationale francophone d'éducation médicale, Marseille, 2017

De Grasset J, Audétat MC, Bajwa N, **Jastrow N**, Nendaz M, Richard-Lepouriel H, Junod Perron N. L'implication des étudiants dans les programmes de développement universitaires contribue au développement de leur identité professionnelle. Société internationale francophone d'éducation médicale, Marseille, 2017

### *i. Abrégés présentés lors de congrès nationaux*

**Jastrow N**, Fior A, Antonelli E, Morales MA, Irion O. Tératome placentaire : entité propre ou forme extrême de fœtus acardiaque. Congrès SSGO, Interlacken 2002

**Jastrow N**, Antonelli E, Finci V, Morales MA, Irion O. Malformation adénomatoïde kystique pulmonaire bilatérale totale de type III : à propos d'un cas. Congrès SSGO, Lugano 2003

**Jastrow N**, Vlastos AT, Pelte MF, Dubuisson JB. Mélanome malin primaire vaginal (MMPV) : à propos d'un cas. Congrès SSGO, Interlacken 2004

**Jastrow N**, Antonelli E, Boulvain M, Robyr R, Irion O. Variabilité inter et intraobservateur de la mesure échographique du segment inférieur utérin après césarienne. Congrès SSGO, Interlacken 2004

Antonelli E, Vial Y, **Jastrow N**, Robyr R, Irion O. Diagnostic échographique de malformation adénomatoïde kystique pulmonaire: une série de 14 cas. Congrès SSGO, Interlacken 2004

**Jastrow N**, Anne-Maude Morency, Robert J. Gauthier, Emmanuel Bujold. Mesure échographique du segment inférieur utérin et risque de rupture utérine: une revue systématique. Congrès AOGQ, Saint Sauveur, Qc, Canada 2008

Söhnchen N, Melzer K, Martinez-de-Tejeda B, **Jastrow Meyer N**, Othenin-Girard V, Kayser B, Boulvain M, Irion O. Differentiated heart rate analysis during active labor. Congrès SSGO, Lugano 2009

**Jastrow N**, Simoneau J, Brunet S, Gauthier RJ, Bujold E. Prediction of complete uterine rupture by sonographic evaluation of the lower uterine segment, 65th Annual Clinical Meeting, SOGC, Halifax, Canada 2009

**Jastrow N**, Meyer P, Khairy P, Mercier LA, Dore A, Marcotte F, Leduc L. Prediction of complications in pregnant women with cardiac diseases referred to a tertiary center. 65th Annual Clinical Meeting, SOGC, Halifax, Canada 2009



**Jastrow N**, Gauthier RJ, Gagnon G, Leroux N, Beaudoin F, Bujold E. Labor before a prior cesarean delivery is associated with a thicker lower uterine segment in a subsequent pregnancy. 65th Annual Clinical Meeting, SOGC, Halifax, Canada 2009

Samim A, **Jastrow N**, Martinez de Tejada B, Irion O. Volvulus caecal et grossesse : approche diagnostique complexe d'une entité rare. Congrès SSGO, Interlacken 2010

Abdulcadir J, Bischofberger A, **Jastrow Meyer N**, Fernandez S, Petignat P. Grossesse cicatricielle ou cervicale: un diagnostic différentiel difficile. Congrès SSGO, Interlacken 2012

Le Tinier B, Jungo Nançot C, **Jastrow Meyer N**, Irion O. Rupture d'un anévrisme splénique maternel et mort foetale in utéro : à propos d'un cas. Congrès SSGO, Interlacken 2012

Chuzeville A., Lam G.T., Drakopoulos P, **Jastrow N.**, Irion O. Rupture d'un kyste ovarien en fin de grossesse: étude d'un cas. Congrès SSGO, Interlacken 2014

Vochtchinina N, **Jastrow N**, Savoldelli G, Irion O. Traitement conservateur dans le cas d'un placenta percreta, Congrès SSGO, Interlacken 2014

Placental mesenchymal dysplasia : a unique placental pathology with different clinical manifestation ? Review of the cases of 6 tertiary hospital in Europe and Canada. Guenot C, Osterheld M, Vial Y, Kingdom J, Keating S, Van Mieghem T, **Jastrow Meyer N**, Raio L, Chalouhi G, Baud D. Congrès SSGO, Lugano 2015

De Grasset J, Audétat MC, Bajwa N, **Jastrow N**, Nendaz M, Richard-Lepouriel H, Junod Perron N. Devenir chef de clinique, et après ? Formation des formateurs : supervision et feedback en milieu clinique. Journée qualité des HUG, Genève, 2015

Junod Perron N, Audétat MC, Bajwa N, De Grasset J, **Jastrow N**, Nendaz M, Richard-Lepouriel H. Devenir chef de clinique, et après ? Formation des formateurs : supervision et feedback en milieu clinique. Journée qualité des HUG, Genève, 2015

Junod Perron N, Audétat MC, Bajwa N, De Grasset J, **Jastrow N**, Richard-Lepouriel H, Nendaz M. Diagnostic pédagogique pour les internes/assistants en difficulté de raisonnement clinique. Symposium MedEd de l'ISFM, Bern, 2015

De Oliveira Sara, Savoldelli G, Irion O, Haller G, Abdulcadir J, Chilin A, Boucher O, Briet V, Boulvain M, **Jastrow Meyer N**. Sim Mat, simulation for obstetrical emergencies: evaluation of an interprofessional education program including all professionals in charge of pregnant women. Congrès SSGO, Lausanne, 2017

Junod Perron N, Audétat MC, Bajwa N, De Grasset J, **Jastrow N**, Richard-Lepouriel H, Nendaz M. Students' implication in faculty development programs contributes to the development of their professional identity. Congrès Suisse de médecine interne générale, Lausanne, 2017

Junod Perron N, Audétat MC, Bajwa N, De Grasset J, **Jastrow N**, Richard-Lepouriel H, Nendaz M. Faculty development program for clinical supervision: comparison of two training formats. Congrès Suisse de médecine interne générale, Lausanne, 2017