



Marialuigia Giovannini-Spinelli MD PhD

Nationality	Italian
Marital status	Married with one child
Date of birth	September 4 th 1983
Place of birth	Naples, Italy

Medical Council affiliation:

- Aargauischer Ärzteverband (AAV)
- Swiss Medical Association (FMH/VSAO)
- Royal Society of Medicine (Associate Membership)

Scientific Membership:

- Society for Reproductive Investigation (SRI)
- European Society of Gynecological Endoscopy (ESGE)
- Società Italiana di Endoscopia Ginecologica (SEGI)
- Società Italiana di Ecografia Ostetrico-Ginecologica (SIEOG)
- International Society of Ultrasound in Obstetrics & Gynecology (ISUOG)

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Clinical Experience

September 2021 to date

Attending OB/GYN Specialist at the Private Centre “**Geburt und Familie**”, **Aarau, Switzerland**, directed by Dr. Werner Stadlmayr and at the **Hirslanden Private Hospital** (since September 2023)

- Obstetrics and gynecological consultations
- Basic infertility diagnosis and treatment
- Urogynecology
- Family planning
- Prenatal ultrasound
- Gynecological ultrasound
- Office diagnostic and operative hysteroscopy
- Naturopathy

July 2015 to April 2021

OB/GYN Physician (2018-2021) and **Medical Fellow** (2015-2017) at the Department of Obstetrics and Gynecology, **Inselspital, Bern University Hospital, Switzerland**, directed by Prof. Michael Müller and Prof. Daniel Surbek

- Obstetrics and gynecological consultations
- Prenatal ultrasound
- Gynecological ultrasound
- Basic infertility diagnosis and treatment
- Urogynecology
- Family planning
- Antenatal and postnatal ward care
- Obstetrics first aid
- Delivery room
- Operating room (basic surgery in Obstetrics and benign gynecologic surgery)

April 2015 to Juli 2015

Surgical fellow at the Private Centre “**Casa di Cura S.Rita**”, **Atripalda (AV), Italy**, directed by Dr. Italo Ardovino

- Training in elective conventional (open) gynecology surgery
- Training in laparoscopic gynecological surgery

July 2009 to July 2015

Resident doctor at the “Training program in Obstetrics and Gynecology”, Specialization School, School of Medicine, **University of Naples “Federico II”, Italy**, directed by Prof. Carmine Nappi

- Inpatient and outpatient minimally invasive gynecologic surgery
- Basic gynecologic and obstetric ultrasound
- Antenatal und postnatal ward care
- Basic obstetrics and gynecological consultations
- Obstetric first aid
- Delivery room
- Operating room

- January 2013 to June 2015 **Trainee doctor** at the Private Centre of obstetrical and gynecological ultrasound “**Diagnostica Ecografica Prenatale A. Di Meglio S.R.L.**”, **Naples, Italy**, directed by Dr. Aniello Di Meglio
- Gynecologic and obstetric ultrasound, including I and II screening, second opinion and invasive prenatal diagnostic (chorionic villus sampling, amniocentesis)
- 2010 to 2015 Collaboration with Medico-Legal Advisers in Obstetrics and Gynecology
- 2006 to 2009 Pre and Post Graduate Trainee at: Department of Obstetrics and Gynecology directed by Prof. Carmine Nappi and Department of Surgery, Orthopedy, Traumatology and Emergency, directed by Prof. Francesco Milone, **University of Naples "Federico II", Italy**; Post Graduate Trainee at: **Medical Family Office, Via Vittorio Colonna 14, Naples, Italy**, directed by Dr. Saverio Annunziata

Research and teaching experience

- March 2017 to April 2021 **Post-Doc Research Associate** at the **Laboratory of Prenatal Medicine - Department of clinical research, University of Bern, Switzerland**, directed by Prof. Daniel Surbek
- Experimental translational research activity at the Laboratory of Prenatal Medicine, directed by Prof. Andreina Schoeberlein and Prof. Martin Mueller. Main research lines:
 - ✓ *In-vitro* investigation of the role of the “Preimplantation Factor” in perinatal brain injury
 - ✓ *In-vitro* investigation of the mechanisms of the preterm birth
 - Clinical research activity at the Unit of Prenatal Ultrasound, directed by Prof. Luigi Raio. Main research lines:
 - ✓ Pathological development of the fetal brain, with special attention to the midline structures and the posterior fossa
- October 2017 to October 2018 **MRes student** in **Psycho-Neuro-Endocrino-Immunology University of Turin, Italy**, at the Department of Neuroscience “Rita Levi Montalcini”
- Clinical research activity at the Department of Neuroscience “Rita Levi Montalcini”, directed by Prof. Abbate Daga. Main research lines:
 - ✓ Role of Psychosocial Stress in the pathophysiology of pregnancy complications
- February 2014 to February 2017 **Binational PhD student** in Reproductive Sciences – co-tutoring between the: Department of Neurosciences and Reproductive Sciences, **University of Naples Federico II**,

Italy, tutor: Prof. Lucio Annunziato (2014-2015) and the Department of Obstetrics and Gynecology, **University of Bern, Switzerland**, tutor: Prof Daniel Surbek (2015-2017)

- Experimental translational research activity at the Laboratory of Prenatal Medicine, directed by Prof. Andreina Schoeberlein (Bern). Main research line: Investigation of the role of the Wharton Jelly's mesenchymal stem cells in perinatal brain injury
- Clinical research activity at the Unit of Prenatal Ultrasound, directed by Prof. Luigi Raio (Bern) and at the private Centre of Obstetrical and Gynecological ultrasound "*Diagnostica Ecografica Prenatale A. Di Meglio S.R.L.*", (Naples). Main research lines: Physiological development of the fetal brain, with special attention to the midline structures and the posterior fossa
- Teaching activity: preparation and publication of short video/audio in Italian and English reporting clinical cases in Gynecologic and Obstetric Ultrasound, available at the website:
<http://www.aniellodimeglio.com/pubblico/index.htm>

2010 to 2015

Anatomy and Physiology Teacher at "course preparation for medical school", **Private Centre "Istituto per Ricerche ed Attività Educative" (IPE), Naples, Italy**, directed by Dr. Lorenzo Burdo

Education and Qualifications

1st September 2023

Accreditation as "Portalärztin" at the Hirslanden Private Hospital, Aarau, Switzerland

28 April 2023

Diploma in «Arthrokinematik – manuelle Medizin» according to the method of Dr. Dorin Ritzmann and Dr. Bruno Maggi

15 June 2022

European Gynecological Endoscopy Education and Assessment Programme (GESEA) Certification, European Society of Gynecological Endoscopy (ESGE) Academy

10 October 2021

Swiss Certification in Pregnancy Ultrasound - Fähigkeitsausweis «Schwangerschafts-ultraschall»
Schweizerische Gesellschaft für Ultraschall in der Medizin (SGUM)

28 October 2018

Master of Research "magna cum laude" in Psycho-Neuro-Endocrine-Immunology (PNEI), University of Turin, Department "Rita Levi Montalcini", Italy
Thesis: "Effetti dello stress in ottica perinatale: l'ottica PNEI"

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7 June 2017

Doctor of Philosophy (PhD) "summa cum laude" in Neuroscience and Reproductive Medicine co-tutored between the University of Naples "Federico II", Italy, and the University of Bern, Switzerland
Thesis: "Physiopathology of the Developing Brain: from prenatal imaging to experimental models"

3 July 2014

Certification in Obstetrics and Gynecology “*summa cum laude*”, recognized by the **FMH Swiss Medical Association, School of Medicine, University of Naples “Federico II”, Italy**

Thesis: “Ruolo dell’isteroscopia nella diagnosi e nel trattamento delle malformazioni congenite del tratto genitale femminile nell’ambito del work-up dell’infertilità”

25 July 2008

Doctor of Medicine and Surgery “*summa cum laude*”, recognized by the **FMH Swiss Medical Association, School of Medicine, University of Naples “Federico II”, Italy**

Thesis: “Valutazione del ruolo del – Cocaine and Amphetamine Regulated Transcript- (CART) nella fisiopatologia ginecologica”

Awards and Grants

March 2020	Giorgio Pardi Foundation Junior Scientist Award: SRI Presentation: “Synthetic PreImplantation Factor Prevents Preterm Birth and Preserves Fetal Brain Development”
July 2019	CHF 80’000 Clinical Trial Unit Research Grant Bern University Hospital. Research line: “PreImplantation factor: a biomarker for preterm birth?”
October 2018	First Award: DGGG Poster Presentation: “PreImplantation Factor promotes Neuroprotection by modulating Long non-coding RNA H19 of the Neuronal Stem Cells”
June 2018	First Award: SGGG Oral Presentation: “PreImplantation Factor promotes Neuroprotection by modulating Long non-coding RNA H19 of the Neuronal Stem Cells”
February 2014	CHF 35’000 Research Grant University of Naples “Federico II”. Research line: “Physiopathology of the Developing Brain: from prenatal imaging to experimental models”

Languages

Italian	Mother Tongue
English	C1
German	C1
French	A2

International peer-reviewed research papers

- 1) Gubbini G, Di Spiezio Sardo A, Nascetti D, Marra E, **Spinelli M**, Greco E, Casadio P, Nappi C New outpatient subclassification system for American Fertility Society Classes Vand VI uterine anomalies. *J Minim Invasive Gynecol.*2009; 16(5):554-61;
- 2) Mignogna C, Di Spiezio Sardo A, **Spinelli M**, Sassone C, Cervasio M, Guida M, Falletti J, Nappi C. A case of pure uterine lipoma: immunohistochemical and ultrastructural focus. *Arch GynecolObstet.*2009; 280(6):1071-4;
- 3) Bettocchi S., Ceci O, **Spinelli M**, Laera AF, Scognamiglio M, Pinto L, Di Spiezio Sardo A. Office hysteroscopy *Ref Gynecol Obstet.*2009;12:192-202;
- 4) Nappi L, Indraccolo U, Di Spiezio Sardo A, Gentile G, Palombino K, Castaldi MA, **Spinelli M**, Greco P. Are diabetes, hypertension, and obesity independent risk factors for endometrial polyps? *J Minim InvasiveGynecol.*2009;16(2):157-62;
- 5) Bettocchi S, **Spinelli M**, Camporale AL, Selvaggi L, Di Spiezio Sardo A, Nappi C. Uterine septum resection: does it impact fertility? *Middle East Fertility Society Journal.* 2009; Vol.14n°1;
- 6) Di Spiezio Sardo A, Bettocchi S, **Spinelli M**, Guida M, Nappi L, Angioni S, Sosa Fernandez LM, Nappi C. Review of new office-based hysteroscopic procedures 2003-2009. *J Minim InvasiveGynecol.* 2010;17(4):436-48;
- 7) Bifulco G, Piccoli R, Lavitola G, Di Spiezio Sardo A, **Spinelli M**, Cavallaro A, Nappi C. Endocervicoscopy: a new technique for the diagnostic work-up of cervical intraepithelial neoplasia allowing a tailored excisional therapy in young fertile women. *FertilSteril.* 2010; 94(7):2726-31;
- 8) Di SpiezioSardo A; **Spinelli M**; Coppola C; Zizolfi B; Nappi C. Looking for a polyp, we found a...crab! *Gynecological Surgery.* 2010; 7(3): 295-296;
- 9) Bifulco G, **Spinelli M**, De Rosa N, Scognamiglio M, Morra I, Nappi C. Sterilizzazione tubarica volontaria-Aspetti epidemiologici, medico-chirurgici ed etico-legali della sterilizzazione femminile. *Il Ginecologo.* 2010; 5(3): 112 ;
- 10) Di Spiezio Sardo A, **Spinelli M**, Bramante S, Scognamiglio M, Greco E, Guida M, Cela V, Nappi C Efficacy of apolyethyleneoxide-sodiumcarboxymethylcellulose gel in prevention of intrauterine adhesions after hysteroscopic surgery. *J Minim Invasive Gynecol.* 2011; 18(4):462;
- 11) Paoletti R, Di Spiezio Sardo A, **Spinelli M**, Insabato L, Nappi C. Hysteroscopic diagnosis of endometrial vascular dystrophy. *J Minim Invasive Gynecol.* 2012;19(5):543-4;
- 12) Di Spiezio Sardo A, Zizolfi B, Lodh iW, Bifulco G, Fernandez L, **Spinelli M**, Nappi C' See and treat' outpatient hysteroscopy with novel fibreoptic "Alphascope". *J Obstet Gynaecol.*2012; 32(3):298-300;
- 13) Guida M, Zullo F, Buonomo B , Marra ML, Palatucci V, Pascale R, Visconti F, Guerra G, **Spinelli M**, Di Spiezio Sardo A. Estrogens and neuropeptides in postmenopausal women: an update. *Translational Medicine@ UniSa.* 2012; 3(4):(25-41);
- 14) Di Spiezio Sardo A , Alviggi C, Zizolfi B, **Spinelli M**, De Rosa P, De Placido G, Nappi C. Cervico – isthmic pregnancy successfully treated with bipolar resection following methotrexate administration : case report and literature review *Reproductive Biomedicine Online.* 2013;26(1):99-103;
- 15) Bifulco G, Sardo AD, De Rosa N, Greco E, **Spinelli M**, Di Carlo C, Tommaselli GA, Nappi C. The use of an oral contraceptive containing estradiol valerate and dienogest before office operative hysteroscopy: a feasibility study. *Gynecol Endocrinol.* 2012 Dec;28(12):949-55;
- 16) Di Spiezio Sardo A, Bettocchi S, Bramante S, Greco E, **Spinelli M**, Nappi C. "Tubal ostium sunshine":hysteroscopic sign of chronic salpingitis. *J Minim Inv- Gynecol* 2012;19(6):676-7;
- 17) Nappi L, Sardo AD, **Spinelli M**, Guida M, Mencaglia L, Greco P, Nappi C, Filippeschi M, Florio P. A Multicenter, Double-Blind, Randomized, Placebo-Controlled Study to Assess Whether Antibiotic Administration Should Be Recommended During Office Operative Hysteroscopy. *Reprod Sci.*

2013;20(7):755-61;

- 18) De Angelis C, Carnevale A, Santoro G, Nofroni I, **Spinelli M**, Guida M, Mencaglia L, Di Spiezio Sardo A. Hysteroscopic Findings in Women With Menorrhagia. *J Minim Invasive Gynecol.* 2013;20(2):209-14;
- 19) Di Spiezio Sardo A, Paladini D, Zizolfi B, **Spinelli M**, Nappi C. Pentalogy of Cantrell: embryofetoscopic diagnosis. *J Minim Invasive Gynecol.* 2013;20(2):248-51;
- 20) Di Spiezio Sardo A., Di Carlo C., **Spinelli M**, Zizolfi B., Sosa Fernandez L.M., Nappi C. An earring incidentally diagnosed and removed through two-step vaginoscopy in a pubertal virgin girl with military Tuberculosis. *Images in Gynecologic Surgery.* 2014;21(2):176-7;
- 21) Di Spiezio Sardo A, **Spinelli M**, D'Auria D, Zizolfi B, Sansone M, Nappi C and Di Carlo C. Severe Vaginal Stenosis Simulating a Transverse Septum with Huge Hematocolpos in an HIV-patient: How to Make a Break in the Wall? *J Clin Case Rep.* 2014;S1:1-4;
- 22) Sardo AD, Florio P, Fernandez LM, Guerra G, **Spinelli M**, Carlo CD, Filippeschi M, Nappi C. The Potential Role of Endometrial Nerve Fibers in the Pathogenesis of Pain During Endometrial Biopsy at Office Hysteroscopy. *Reprod Sci.* 2015;22(1):124-31;
- 23) DiSpiezioSardoA., FlorioP., NazzaroG., **SpinelliM.**, PaladiniD., DiCarloC., FilippeschiM., NappiC. Hysteroscopic Outpatient Metroplasty to Expand Dysmorphic Uteri (HOME-DU technique): a pilot study. *Reprod. Biomed. Online.* 2015;30(2):166-74;
- 24) Di Spiezio Sardo A, Campo R, Gordts S, **Spinelli M**, Cosimato C, Tanos V, Brucker S, Li TC, Gergolet M, De Angelis C, Gianaroli L, Grimbizis G. The comprehensiveness of the ESHRE/ESGE classification of female genital tract congenital anomalies: a systematic review of cases not classified by the AFS system. *Hum Reprod.* 2015;30(5):1046-58;
- 25) Di Spiezio Sardo A, **Spinelli M**, Zizolfi B, Nappi C. Ambulatory management of heavy menstrual bleeding. *Womens Health (Lond).* 2016 ;12(1):35-43;
- 26) Bettocchi S, Bramante S, Bifulco G, **Spinelli M**, Ceci O, Fascilla FD, Di Spiezio Sardo A. Challenging the cervix: strategies to overcome the anatomic impediments to hysteroscopy: analysis of 31,052 office hysteroscopies. *Fertility and sterility* 2016;105(5):e16-e17;
- 27) Di Spiezio Sardo A, **Spinelli M**, DA Cunha Vieira M, Zizolfi B, Nappi C, Bifulco G. Hysteroscopic treatment of Müllerian duct anomalies. *Minerva Ginecol.* 2016 Apr;68(2):175-85;
- 28) Bolla D, Favre D, **Spinelli M**, Baud D, Baumann M, Raio L. Placental anastomoses in monochorionic diamniotic twin pregnancies: not only a source of complications. *Ultrasound Obstet Gynecol.* 2016;48(2):253-4;
- 29) **Spinelli M**, Sica C, Dallapiccola B, Novelli A, Di Meglio L, Martinelli P. The Challenge of Prenatal Diagnostic Work-Up of Maternally Inherited X-Linked Opitz G/BBB: Case Report and Literature Review. *Case Rep Obstet Gynecol.* 2015;2015:830108;
- 30) **Spinelli M.**, Di Meglio L., Raio L, Di Fabrizio F, De Ville De Goyet J., Surbek D. Two-Dimensional Ultrasonographic Prenatal Diagnosis of Choledochal Cyst: Our Experience and Literature Review, *Gynecol Obstet Case Rep.* 2016, 2:2;
- 31) Di Spiezio Sardo A, **Spinelli M**, DA Cunha M, Zizolfi B, Nappi C, Bifulco G. Hysteroscopic treatment of Müllerian duct anomalies. *Minerva Ginecologica.* 2016; 68(2):175-85;
- 32) Di Spiezio Sardo A, Di Carlo C, Minozzi S, **Spinelli M**, Pistotti V, Alviggi C, De Placido G, Nappi C, Bifulco G: Efficacy of hysteroscopy in improving reproductive outcomes of infertile couples: a systematic review and meta-analysis. *Human Reproduction Update.* 2016;22(4):479-96;
- 33) **Spinelli M**, Sica C, Di Meglio, L, Bolla D, Raio L, Surbek D: Fetal Cerebellar Vermis Circumference Measured by 2-Dimensional Ultrasound Scan: Reference Range, Feasibility and Reproducibility. *IUO.* 2016;2(4):E124-E128;
- 34) **Spinelli M**, Righi O, Bonacini E., Curati G., Birocco N., Surbek D. The Attachment Theory Today: From the Epigenetic Effects of Maternal Behavior to Psycho-Neuro-Endocrino-Immunology. *Journal of Clinical Epigenetic.* 2017; 3:43;
- 35) Messerli M, Opplinger B, **Spinelli M**, Schneider P, Thomi G, Surbek D, Schöeberlein A. Extracellular Vesicles

Derived from Wharton's Jelly Mesenchymal Stem Cells Prevent and Resolve Programmed Cell Death Mediated by Hypoxia-Ischemia in Neuronal Cells. *Cell Transplantation*, 2018; 27(1):168-180;

- 36) Hecht C, Baumann M, **Spinelli M**, Trippel M, Raio L: The umbilical cord in conjoined twins: prenatal imaging and anatomic-pathologic aspects: Umbilical cord in conjoined twins. *Ultrasound in Obstetrics and Gynecology* 2018; 53(2);
- 37) Hayrabedian S, Todorova K, **Spinelli M**, Barnea ER, Mueller M. The core sequence of PIF competes for insulin/amyloid β in insulin degrading enzyme: potential treatment for Alzheimer's disease. *Oncotarget*. 2018. 21;9(74):33884-33895;
- 38) Mosimann B, Arampatzis G, Amylidi-Mohr S, Bessire A, **Spinelli M**, Koumoutsakos P, Surbek D, Raio L. Reference Ranges for Fetal Atrioventricular and Ventriculoatrial Time Intervals and Their Ratios during Normal Pregnancy. *Fetal Diagn Ther*. 2018;44(3):228-235;
- 39) Saccone G, Di Spiezio Sardo A, Ciardulli A, Caissutti C, **Spinelli M**, Surbek D, von Wolff M. Effectiveness of seminal plasma in in vitro fertilisation treatment: a systematic review and meta-analysis. *BJOG*. 2019;126(2):220-225;
- 40) **Spinelli M**, Sica C, Mosimann B, Surbek D, Raio L. The vermian-crest angle: a new method to assess fetal vermis position within the posterior fossa using 3- dimensional multiplanar sonography. *Fetal Diagn Ther* 2019;46(4):223-230;
- 41) **Spinelli M**, Wiest R, Di Meglio L, Baumann M, Raio L, Surbek D. The "vermian-crest angle": does it allow accurate categorisation of fetal upward rotation of cerebellar vermis on intrauterine MRI? A pilot study. *Clin Radiol*. 2019;74(6):489.e1-489.e7;
- 42) **Spinelli M**, Sica C, Ghezzi F, Cromi A, Surbek D, Raio L. Nomograms of the Fetal Sylvian Fissure and Insular Lobe throughout Gestation: A Multicentric, Ultrasonographic Cross-Sectional Study. *Fetal Diagn Ther*. 2019;45(5):325-331;
- 43) Guenot C, Kingdom J, De Rham M, Osterheld M, Keating S, Vial Y, Van Mieghem T, Jastrow N, Raio L, **Spinelli M**, Di Meglio L, Chalouhi G, Baud D. Placental mesenchymal dysplasia: An underdiagnosed placental pathology with various clinical outcomes. *Eur J Obstet Gynecol Reprod Biol*. 2019;234:155-164;
- 44) Al-Nasiry S, Ambrosino E, Schlaepfer M, Morr  SA, Wieten L, Voncken JW, **Spinelli M**, Mueller M, Kramer BW. The Interplay Between Reproductive Tract Microbiota and Immunological System in Human Reproduction. *Front Immunol*. 2020;16:11:378;
- 45) **Spinelli M**, Boucard C, Di Nicuolo F, Haesler V, Castellani R, Pontecorvi A, Scambia G, Granieri C, Barnea ER, Surbek D, Mueller M, Di Simone N. Synthetic Preimplantation Factor (sPIF) reduces inflammation and prevents preterm birth. *PLoS One*. 2020. 8;15(6):e0232493;
- 46) **Spinelli M**, Boucard C, Ornaghi S, Schoeberlein A, Keller I, Coman D, Hyder F, Zhang L, Haesler V, Bordey A, Barnea E, Paidas M, Surbek D, Mueller M. Preimplantation Factor modulates oligodendrocytes by H19 induced de-methylation of NCOR2. *JCI Insight*. 2021. 22;6(20):e132335.
- 47) **Spinelli M**, Zdanowicz JA, Keller I, Nicholson P, Raio L, Amylidi-Mohr S, Mosimann B, Surbek D, Mueller M. Hypertensive disorders of pregnancy share common cfDNA methylation profiles. *Sci Rep*. 2022 Nov 18;12(1):19837.

Other scientific contributions/activities

Participation in conferences and courses as a speaker

- 1) European Society of Gynecological Endoscopy 18° Annual Meeting. Florence, Italy, Palazzo dei Congressi 28-31st October 2009
Presentation: "New frontiers of office operative hysteroscopy";
- 2) Training semestrale pratico-teorico di chirurgia ginecologica. Naples, Italy, Pzza S Giovanni Bosco Hotel S. Germano 30th March 2010
Presentation: "Isteroscopia e patologia organica";
- 3) Corso Precongressuale 13/14th June 2012 "Management ecografico ed isteroscopia delle malformazioni dell'apparato genitale"
Policlinico FEDERICO II Via Sergio Pansini, 5 – Naples, Italy
Presentation: "Presentazione di casi clinici";
- 4) L'endoscopia ginecologica del Terzo Millennio.Congresso. Florence, Italy, 13th December 2012. Palazzo dei Congressi.
Presentation: "Ruolo diagnostico della isteroscopia vs tecniche non invasive" in "Management delle malformazioni: ecografia ed isteroscopia";
- 5) Corso residenziale di aggiornamento in Ostetricia e Ginecologia. Azienda Sanitaria Locale Salerno, Italy. Chairman: Davide De Vita.
Nocera Inferiore, Teatro agli Olivetani, Via G. Falcone, 60. 15th December 2012.
Presentation: "Indicazioni alla isteroscopia diagnostica" in "Isteroscopia di base";
- 6) Corso teorico-pratico SEGI Ospedale Palagi. L'isteroscopia con piattaforma Versapoint. Florence, Italy, 11-13rd September 2013.
Chairman: S. Calzolari, L. Mencaglia, M. Franchini.
Presentation: "Malformazioni uterine: nuove classificazioni e loro importanza nella clinica chirurgica";
- 7) Gruppo Campano di Endoscopia ginecologica - Workshop: nuove tecnologie in endoscopia ginecologica. Casa di Cura C.G. Ruesh,
Naples, Italy, 19th November 2013. Chairman: N.Fortunato G.Merlino
Presentation: "Metroplastica – nuovi orizzonti";
- 8) La Sindome Menopausale oggi: up to date. Dalla pre-menopausa alla terza età: nuovi approcci terapeutici. Castellammare di Stabia,
Naples, Italy, 23rd May 2014. Chairman: Dott. Giampaolo Mainini.
Presentation: "La sindrome metabolica";
- 9) Corso Teorico-Pratico di chirurgia isteroscopica e mini-resettoscopica "office surgery". Bologna, Italy, 26th May 2014. Chairman: Dott.
Paolo Casadio.
Presentation: "Strumenti miniaturizzati ed elettrodi bipolari";
- 10) Corso teorico. Screening dell'insufficienza placentare. Congresso AOGOI. Caserta, Italy, 15 gennaio 2015 – Gran Hotel Vanvitelli.
Presentation: "Management della displasia placentare";
- 11) Corso teorico-pratico di isteroscopia diagnostica ed operativa. Ospedale di Rovigo, Italy, 15-17 gennaio 2015. Chairman: Dr. Giancarlo
Stellin.
Presentation: "Metroplastica: come, quando e perché. Outcome riproduttivo ed effetti collaterali";
- 12) Patologia utero-tubarica e PMA: sinergie qualitative per un migliore risultato. Hotel Mediterraneo, Firenze, Italy, 21st February 2015.
Chairman: Dr. M. Franchini; Dr.P. Inaudi.
Presentation: "Criteri e metodi di diagnosi per utero a sella ed utero setto:come e quando intervenire?";
- 13) Appropriata assistenza materno-neonatale. Punti nascita: collaborazione tra ostetrico e neonatologo. Holiday Inn, Cava De'
Tirreni, Italy, 27th March 2015. Chairman: Dr. D. De Vita; F. Messina.
Presentation: "Ruolo dell'ecografia e della flussimetria nel parto pretermine (Il parte)"
- 14) 10° Congresso SEGI Roma, Italy, Università Cattolica del Sacro Cuore, 24-27th May 2015. Chairman: Prof. Scambia, Prof. Schettini.
Presentation: "Isteroscopia e infertilità: il dibattito continua";
- 15) European Society of Gynecological Endoscopy (ESGE) 24th annual Congress. Budapest, Hungary, 7-10th October 2015. Chairman:
Dr. Ertan Saridogan.
Presentation: "Hysteroscopy and infertility: a systematic review and meta-analysis";
- 16) European Society of Gynecological Endoscopy (ESGE) 24th annual Congress. Budapest, Hungary, 7-10th October 2015. Chairman:
Dr. Ertan Saridogan.
Presentation: "Comprehensiveness of ESGE/ESHRE classification system for female genital tract anomalies";
- 17) Montags- Fortbildung fur Arztinnen un Arzte der Frauenklinik, Inselspital. Bern, Switzerland, 7th December 2015.
Presentation: "Hysteroscopy and infertility: a systematic review and meta-analysis";
- 18) Jahreskongress gynécologie suisse, Schweizerische Gesellschaft für Gynäkologie und Geburtshilfe(SGGG)/ 2016 . Interlaken,
Switzerland 23rd June 2016.
Presentation: "Exosomes from Wharton's Jelly Mesenchymal Stem Cells: protect Neural cells from Oxygen-Glucose Deprivation and Reperfusion
damage?";
- 19) Jahreskongress gynécologie suisse, Schweizerische Gesellschaft für Gynäkologie und Geburtshilfe (SGGG)/ 2016 . Interlaken,
Switzerland 23rd June 2016.
Presentation: "Nomograms of sonographic measurements of the fetal sylvian fissure and insula lobe throughout gestation: a cross-sectional
study";
- 20) Fortbildung.Plazenta, Nabelschnur und Eihäute.Unversität Zürich . Zürich, Svezizzera, 27st October 2016.
Presentation: "Nabelschnuranomalien und ihre klinische Bedeutung";
- 21) Global Congress on Hysteroscopy. Barcelona, Spain. Barcelona, 3rd May 2017. Chairman: Sergio Haimovich
Presentation: "Hysteroscopy and ART:hysteroscopy in improving reproductive outcome of infertile couples";
- 22) Corso di aggiornamento: L'ecografia del primo trimestre (corso certificato dalla SSUM). Lugano, Switzerland, 28th October 2017
Presentation: "Gemelli, Placenta, Utero e Annessi";

- 23) Jahreskongress gynécologie suisse, Schweizerische Gesellschaft für Gynäkologie und Geburtshilfe (SGGG)/ 2017 Losanne, Switzerland, 29st June 2017.
Presentation: "The vermian-cresta angle: a new method to assess fetal vermis position within the posterior fossa using MRI";
- 24) Jahreskongress gynécologie suisse, Schweizerische Gesellschaft für Gynäkologie und Geburtshilfe (SGGG)/ 2017 . Losanne, Switzerland, 29st June 2017.
Presentation: "Prenatal diagnosis of rhombencephalosynapsis with ultrasound sonography and magnetic resonance imaging: literature review and own experience".
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Presentation: "PreImplantation Factor promotes Neuroprotection by modulating Long non-coding RNA H19 of the Neuronal Stem Cells".
- 28) 29. Kongress der Deutschen Gesellschaft für Perinatale Medizin (DGPM)/ 2019 . Berlin, Germany, 28th November – November 30th 2019.
Presentation: "PreImplantation Factor promotes Neuroprotection by modulating Long non-coding RNA H19 of the Neuronal Stem Cells".
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Presentation: "Analysis of cfDNA methylation changes in genes associated with hypertensive disorders in pregnancy".
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Presentation: "Towards better informed consent in ambulatory hysteroscopy: a pivotal study of information source, anxiety and acceptability of modern office-based diagnostic and operative procedures";
- 32) Montags- Fortbildung für Ärztinnen und Ärzte der Frauenklinik, Universität Zürich, Switzerland, 28th November 2022
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