

# Emeline Maisonneuve

## MD in Obstetrics and Gynecology

Nationality: French • Date of birth: 12 May 1978  
Address: Institute of Primary Health Care (BIHAM)  
Mittelstrasse 43  
3012 Bern, Switzerland  
e-mail: [emelinem@yahoo.com](mailto:emelinem@yahoo.com) • [emeline.maisonneuve@biham.unibe.ch](mailto:emeline.maisonneuve@biham.unibe.ch)

## CURRENT POSITION

---

### PhD candidate in Graduate School for Health Sciences, Institute of Primary Health Care (BIHAM), University of Bern, Switzerland

Research project: "Safety monitoring of COVID-19 vaccines in pregnant and lactating women at the European level". Co-supervision by Prof Alice Panchaud (BIHAM, University of Bern) and Prof David Baud (UNIL)

Aug 2021 - Present

## PROFESSIONAL EXPERIENCE

---

### Senior consultant in Fetal Medicine • Armand Trousseau Hospital, Paris, France Nov 2015-Aug 2021

Obstetrics, Ultrasound, Fetal Medicine, Fetal Surgery, Delivery yard (Prof JM Jouannic)

Head of the prenatal clinical unit of the National reference Center in Perinatal Hemobiology (CNRHP): intrauterine transfusions (70 IUT /year), management of red blood cell alloimmunization (250 patients/year), fetal anemia, fetal thrombocytopenia

### Fellow in Obstetrics and Gynecology • Armand Trousseau Hospital, Paris, France Feb 2012-Oct 2015

Obstetrics, Ultrasound, Fetal Medicine, Delivery yard (Prof C Carbonne & Prof G Kayem)

### Fellow in Maternal Fetal Medicine • Saint-Justine Hospital, Montreal, Canada Oct 2009-Oct 2011

Obstetrics, Ultrasound, Fetal Medicine, Fetal Therapy, Delivery yard

### Resident in Obstetrics and Gynecology • AP-HP, Paris, France Nov 2003- May 2009

Gynecology, Obstetrics, Urology, Digestive surgery, vascular surgery

### Medical School • Paris Saclay and Nice, France Sep 1996-Aug 2003

## QUALIFICATIONS

---

### MSc in Methodology and Statistics in Biomedical Research Oct 2015-Oct 2016

Paris Saclay University, Prof Bruno FALISSARD, INSERM U1153, EPIPAGE-2 Study, Prof Gilles KAYEM

### CESAM Diploma in Statistics, METHO and STARC, Paris 6 2013

**Medical Thesis, with mention "very honorable and silver medaille"**

**2009**

**MASTER 1 in Biology and innovating therapies, Paris 11**

**2009**

Human Genetics, Anatomy, imaging and morphogenesis  
Mechanisms of differentiation and cell proliferation  
Mechanisms of oncogenesis and anti-tumor strategies

**University Diplomas:**

**2005-2008**

Fetal Medicine, Obstetrics and Gynecology Ultrasound, Breast Diseases, Vaginal Surgery

**Languages**

**French:** native • **English:** fluent • **German:** average

## **RESEARCH**

---

**International journals:**

The myelic limited dorsal malformation (MyeLDM): prenatal ultrasonographic characteristics of an intermediate form of dysraphism, Vande Perre S, Guilbaud L, de Saint-Denis T, Maurice P, Lallemand-Dudek P, Maisonneuve E, Dhombres F, Blondiaux E, Ducou le Pointe H, Zerah M, Jouannic JM, Garel C, **Fetal Diag Ther 2021**, in press

Machine learning risk prediction of mortality for patients undergoing surgery with perioperative SARS-CoV-2: the COVIDsurg mortality score, CovidSurg Collaborative, **J Br Surg 2021** Jul

Multidisciplinary management of anti-PP1Pk or anti-P alloimmunization during pregnancy: a new case of anti-P and literature review, Sohier Lepine M, Goua Valérie, Cortey A, Jouannic JM, Maisonneuve E, **Transfusion 2021** Apr

Open fetal surgery for myelomeningocele repair in France, Guilbaud L, Maurice P, Lallemand P, Maisonneuve E, Garel C, Zerah M, Jouannic JM, **JOGO 2021** Apr

SARS-CoV2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study, CovidSurg Collaborative, GlobalSurg Collaborative, **J Br Surg 2021** Mar

Effect of intravenous immunoglobulins to postpone the gestational age of first intrauterine transfusion in very severe red blood cell alloimmunization: A case-control study, Emeline Maisonneuve E, Dugas A, Friszer S, Toly-Ndour C, Cariot L, Dhombres F, Cortey A, Mailloux A, Carbonne B, Jouannic JM, **JOGO 2021** Mar

Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study, CovidSurg Group, **Anaesthesia 2021** Mar

Cause of preterm birth and late-onset sepsis in very preterm infants: the EIPAGE-2 cohort study, Letouzey M, Foix-L'Hélias L, Torchin H, Maisonneuve E, Lorthé E, **Pediatric research 2021** Feb



Intrahepatic cholestasis of pregnancy associated with azathioprine, Céruti H, Kayem G, Coffin B, Mandebrot L, Maisonneuve E, **JOGOH 2021** Feb

Description of a late miscarriage case at 16 WG associated with a SARS-CoV-2 infection, Michel AS, De Logiviere V, Maisonneuve E, Kayem G, **J Gynecol Obstet Human Reprod 2021** Jan

Association of chorioamnionitis with cerebral palsy at two years after spontaneous very preterm birth : The EPIPAGE-2 cohort study, Maisonneuve E, Lorthe E, Torchin H, Goffinet F, Ancel PY, Kayem G, **J Pediatr 2020**

Prevalence of COL4A1 and COL412 mutations in severe multifocal hemorrhagic and/or ischemic cerebral lesions, Maurice P, Guilbaud L, MAisonneuve E, Moutard ML, Heron D, Garel C, Jouannic JM, **UOG 2021** May

Mortality and pulmonary complications in patients undergoing surgery with perioperative SARS-CoV-2 infection: an international cohort study, COVIDSurg Collaborative, **Lancet 2020** May

Vox Sanguinis International Forum on the selection and preparation of blood components for intrauterine transfusion, Clarke G, Bodnar M, Lozano M, Maisonneuve E, Oepkes D, Lieberman L, **Vox Sang. 2020** May

Reduced fetal movement during pregnancy: is the Kleihauer-Betke test really useful? Athiel Y, Maisonneuve E, Cortey A, Toly-Ndour C, Mailloux A, Jouannic JM, **J Gynecol Obstet Human Reprod 2020** May

Relationship between vitamin D status in the first trimester of pregnancy and gestational diabetes mellitus - A nested case-control study, Salakos E, Courtebaisse M, Taieb J, Tsatsaris V, Guibourdenche J, Senat MV, Jani JC, Maisonneuve E, Winer N, Benachi A, **Clin Nutr 2020** Apr

Neurodevelopment at 2 years and umbilical artery Doppler in cases of very preterm birth afetr hypertensive disorder or suspected IUGR: EPIPAGE-2 study, Delorme P, Kayem G, Lorthe E, Goffinet F, EPIPAGE-2 Obstetric Writing Group, **UOG 2020** oct

New insights in cerebral findings associated with fetal myelomeningocele: a retrospective cohort study in a single tertiary centre, Maurice P, Garel C, Maisonneuve E, Blondiaux E, Jouannic JM, **BJOG 2020** Feb

The impact of chorionicity on pregnancy outcome and neurodevelopment at 2 years ols among twins born preterm: the EPPIAGE 2 cohort study, Tosello B, EPIPAGE-2 writing group, **BJOG 2020** Feb

Managing the unusual causes of fetal anemia, Maisonneuve E, Ben M'Barek I, Leblanc T, Da Costa L, Friszer S, Pernot F, Thomas P, Castaigne V, Toly Ndour C, Mailloux A, Cortey A, Jouannic JM, **Fetal Diagn Ther 2019** Sep

Intrauterine transfusions for red blood cell maternofetal incompatibility in monochorionic diamniotic twin pregnancy, Maisonneuve E, Mailloux A, Cortey A, Jouannic JM, **Ultrasound Obstet Gynecol 2019**

Comment on: Postponing Early intrauterine Transfusion with Intravenous immunoglobulin Treatment; the PETIT study on severe hemolytic disease of the fetus and newborn, Maisonneuve E, Toly Ndour C, Jouannic JM, **AJOG 2019**

The pubic diastasis Measurement, a Key element for the Diagnosis, Management, and Prognosis of the Bladder Exstrophy, Antomarchi J, Moeglin D, Laurichesse H, Maisonneuve E, Legac P, Althuser M, Delotte J, Jouannic JM, Bongain A, **Fetal Diagn Ther 2019**

Planned delivery route of preterm breech singletons, and neonatal and 2-year outcomes: a population-based cohort study. Lorthé E, Sentilhes L, Quere M, Lebeaux C, Goffinet F, Delorme P, Kayem G; EPIPAGE-2 Obstetric Writing Group, **BJOG 2019**

Fetal Brain Injury associated with Parvovirus B19 congenital infection requiring intrauterine transfusion, Maisonneuve E, Garel C, Friszer S, Pénager C, Carbonne B, Pernot F, Rozenberg F, Schnuriger A, Cortey A, Moutard ML, Jouannic JM, **Fetal Diagn Ther. 2019**

Clinical input of Anti-D quantitation by continuous flow analysis on Autoanalyser in the management of high titer anti-D maternal allo-immunization, Toly Ndour C, Maisonneuve E, Mailloux A, **Transfusion 2018**

Impact of clinical and/or histological chorioamnionitis on neurodevelopmental outcomes in preterm infants: a literature review, Maisonneuve E, Ancel PY, Foix-L'Hélias L, Marret S, Kayem G, **J Gynecol Obstet Hum Reprod 2017**

Accuracy of middle cerebral artery Doppler between 34 and 37 weeks in fetuses with red cell alloimmunization. Maisonneuve E, Jayot A, Friszer S, Mailloux A, Jouannic JM, Cortey A, Carbonne B, **Fetal Diagn Ther. 2017**

Prevention of spontaneous preterm birth: Guidelines for clinical practice from the French College of Gynaecologists and Obstetricians (CNGOF), Sentilhes L, Sénat MV, Ancel PY, Azria E, Kayem G, Maisonneuve E, Schmitz T, Torchin H, Langer B, **Eur J Obstet Gynecol Reprod 2017 Mar**

Foetal scalp blood test sampling during labour for pH and lactate measurements  
Carbonne B, Pons K, Maisonneuve E, **Best Pract Res Clin Obstet 2016**

First case of congenital myeloproliferative disorder in a newborn diagnosed with Noonan syndrome, Maisonneuve E, Whalen S, Conte C, Carbonne B, Guellec I, **J Neonatal Biol 2015**

Determination of the optimal timing of serial in utero transfusions in red blood cell alloimmunization  
Friszer S, Maisonneuve E, Macé G, Castaigne V, Cortey A, Mailloux A, Pernot F, Carbonne B, **Ultrasound Obstet Gynecol 2014 Nov**

Sampling frequency of fetal heart rate impacts the ability to predict pH and BE at birth  
Li X, Xu Y, Herry C, Durosier LD, Casati D, Stampalija T, Maisonneuve E, Seely A, Audibert F, Alfirevic Z, Ferrazzi E, Wang X and Frasch MG, **Physiol Measurement 2015 Apr**



Oxidative disorders prevail in severe IUGR with vascular disease and Doppler anomalies, Maisonneuve E, Delvin E, Ouellet A, Morin L, Dubé J, Boucoiran I, Moutquin JM, Fouron JC, Klam S, Levy E, Leduc L, **J Maternal Fetal Neonatal Med 2014**

Clinical presentation and outcome of 20 fetuses with parvovirus B19 infection complicated by severe anemia and/or fetal hydrops, Mace G, Sauvan M, Castaigne V, Moutard ML, Cortey A, Maisonneuve E, Garel C, Dhombres F, Boujenah J, Mailloux A, Carbonne B, **Prenat Diagn 2014** May

Multidisciplinary management of a hepatic and renal transplant patient with Alagille syndrome Maisonneuve E, Morin F, Leduc L, Girardin C, Bilodeau M, **Int J Obstet Anesth 2012** Oct

Predictive factors for severe neonatal acidosis, Maisonneuve E, Audibert F, Guilbaud L, Lathelize J, Jousse M, Pierre F, Fraser W, Carbonne B, **Obstet Gynecol 2011** Oct

### **French journals:**

How I do ...an intrauterine transfusion, Guilbaud L, Maisonneuve E, Maurice P, Mallet A, Mailloux A, Cortey A, Jouannic JM, **GOFS 2020** Oct

Procédures d'arrêt de vie foétale aux 2ème et 3ème trimestres en France Guilbaud L, Maurice P, Dhombres F, Maisonneuve E, Jouannic JM, **GOFS 2020**

Moyen mnémotechnique pour l'analyse du rythme cardiaque foetal, Garabedian C, Berveiller P, Maisonneuve E, **GOFS 2019**

Diagnostic prénatal et issue néonatale des calcifications intra-abdominales isolées: étude rétrospective sur 10 ans, Maisonneuve E, Garel C, Hervieux E, Kayem G, Jouannic JM, **GOFS 2019**

Transfusions foétales érythrocytaires : état des lieux sur 4 ans en France, Girault A, Friszer S, Maisonneuve E, Guilbaud L, Cortey A, Jouannic JM, **J Gynecol Obstet Hum Reprod 2017**

Mode de vie et règles hygiéno-diététiques pour la prévention de la prématurité spontanée chez la femme enceinte asymptomatique , Maisonneuve E, **J Gynecol Obstet Biol Reprod. 2016**

Prévention de la prématurité spontanée et de ses conséquences: recommandations pour la pratique clinique, Sentilhes L, Sénat MV, Ancel PY, Azria E, Bretelle F, Blanc J, Brun S, Doret M, Kayem G, Maisonneuve E, Schmitz T, Torchin H, Langer B, **J Gynecol Obstet Biol Reprod 2016**

Maintenance tocolysis with calcium channel blockers, Maisonneuve E, Carbonne B, **J Gynecol Obstet Biol Reprod 2015**

Off-label use of calcium channel blockers as tocolytic agent. CNGOF workgroup

Winer N, Clouqueur E, Delorme P, Guyard-Boileau B, Houfflin-Debargé V, Le Ray C, Maisonneuve E, Parant O, Simon E, Carbonne E, **J Gynecol Obstet Biol Reprod 2015** Apr

Suivi et traitement des allo-immunisations érythrocytaires en période néonatale, Guilbaud L, Maisonneuve E, Garabedian C, Castaigne V, Pernot F, Houfflin-Debargé V, Carbonne B, **Revue de Médecine périnatale 2013**

Severe neonatal acidosis: comparison and analysis of practices in two French perinatal centers  
Pommereau-Lathelize J, Maisonneuve E, Carbonne B, Pierre F, **J Gynecol Obstet Biol Reprod 2014**

Obésité et grossesse: revue des risques et de la prise en charge obstétricale, Maisonneuve E, Rey E, **Revue de Médecine Périnatale 2011**

#### **Text books:**

Analyse pratique du Rythme cardiaque fœtal: méthodologie et cas cliniques commentés, Elsevier Masson 2020, Garabedian C, Berveiller P, Maisonneuve E

Retard de croissance intra-utérin, Mitanchez D, Maisonneuve E, Jouannic JM, **EMC pédiatrie 2016**

## **GRANTS AND SCHOLARSHIPS**

---

Grant from *Agence de la biomédecine* for research project on IVIg to postpone the gestational age of first IUT in very severe RBC alloimmunizations, **Paris, France** 2021

Grant from *Fédération française des Centres Pluridisciplinaires de Diagnostic Prénatal* for research project on IVIg to postpone the gestational age of first IUT in very severe RBC alloimmunizations, **Paris, France** 2021

First prize for oral communication in perinatal infectious disease (GRIG), **Paris, France** 2018

Best of Four for oral communications, Society of Obstetricians & Gynecologists of Canada, **Vancouver, Canada** 2011

First prize for oral communication of the fellows in Fetal Maternal medicine, Society of Obstetricians and Gynecologists of Québec, **Québec, Canada** 2011

Scholarship from the Sainte-Justine Foundation, **Montreal, Canada** 2009 and 2010