

Dr. Antonio Maria Ierullo

Especialista en Obstetricia y Ginecología.



Jefe de Servicio de la Unidad de la Mujer de Hospital Vot , Madrid

Miembro del Servicio de Obstetricia y Ginecología Hospital de la Cruz Roja San José y Santa Adela, Madrid

Profesor Asociado Universidad Alfonso X, Madrid

Mi principal interés clínico se enfoca hacia la Medicina Materno Fetal, Ultrasonido Obstétrico-Ginecológico y la Ginecología Mínimamente Invasiva

Titulo de Sub especialista en Medicina Fetal Maternal , conseguido tras haber trabajado en las Unidades de Medicina Fetal mas prestigiosas de Europa (Fetal Medicine Unit ,AMC , Amsterdam , Países Bajos ; Fetal Medicine Unit St George's Hospital Londres, Reino Unido; Medicina Fetal , Hospital Clinic de Barcelona, España, Unita`di Medicina Fetale, Università di Pavia ,Italia) experto en la detección y gestión de aneuploidies fetales, de malformaciones fetales y de los embarazos gemelares , y realización de biopsias de vellosidades coriales (CVS) y amniocentesis cuando necesario.

Certificado en el uso de la CTG y el ECG fetal en el parto.

Experto en el estudio ecográfico del aparato genital para el estudio anatómico, evaluación de patologías benignas y detección precoz de las neoplasias uterinas y ováricas.

Experiencia contrastada en la ejecución de histeroscopia diagnóstica y operativa para la evaluación y el tratamiento de las malformaciones uterinas, pólipos endometriales, tabiques uterinos y miomas.

Certificado en cirugía mínimamente invasiva para la realización de laparoscopias de patología benignas.

Experiencia contrastada en la cirugía del suelo pélvico, inserción de implantes para la corrección de la Incontinencia Uterina de Esfuerzo y los Prolapsos Genitales

Miembro de :

International Society of Ultrasound in Obstetrics and Gynecology (I.S.U.O.G.)

Fetal Medicine Foundation (F.M.F.)

Sociedad Española Ginecología Obstetricia (SEGO)

Ganador de:

Proyecto Europeo de investigación BECA Marie Curie Abril 2006-Mayo 2008

Best Oral Communication at EAACI-WAO , World Allergy and Asthma Congress, 22-26 Junio 2013, Milan, Italy

Beca Erasmus-Project. Universidad Autónoma de Madrid , Madrid , España Septiembre 1996-Julio 1997

Autor de numerosos artículos publicados en peer review journals y ponente en congresos internacionales:

A. Ponencias en Congresos Internacionales

- 1. Triggering receptor expressed on myeloid cells -1 (TREM-1) expression on neutrophils and monocytes in pregnancy at risk of preterm delivery Ierullo A.M., De Amici M., F.Perotti, Tore C. , Spinillo A. *Oral Poster* June 2013 E.A.A.C.I. Milan, Italy.**
- 2. Polimorphonuclear neutrophil (PMN) antigen FcγRI (CD64) over expression in pregnancy is a marker of innate immune activation Ierullo A.M., De Amici M., F.Perotti, Tore C. , Spinillo A. *Oral Poster* June 2013 E.A.A.C.I. Milan, Italy**
- 3. FcγRI (CD64) , Interleukin 8 and Interleukin 17 correlation in in pregnancies at**

- risk of pre term delivery Ierullo A.M., De Amici M., Tore C. , Spinillo A. *Oral Poster* June 2012 E.A.A.C.I. Geneve, Swiss
4. **FcyRI (CD64) over expression: monocytes activation in peganancy and underlying inflammation in those at risk of pre term delivery Ierullo A.M.**, De Amici M. Spinillo A. *Oral Communication* June 2012 E.A.A.C.I. Geneve, Swiss.
 5. **Th1 and Th2 cytokines serum and vaginal secretion levels and cervical length correlation in pregnancy at risk of preterm labour with intact membranes Ierullo A.M.**,De Amici M. , Perotti F., Montanari L., Stronati M., Spinillo A. *Oral Poster* September 2011 I.S.U.O.G. Los Angeles. U.S.A.
 6. **FcyRI (CD64) expression and its correlation with serum IL-6 levels in pregnancy at risk of preterm labor. Ierullo A.M.**, De Amici M. , Perotti F., Montanari L., Stronati M., Spinillo A. *Oral Poster* September 2011 I.S.U.O.G. Los Angeles. U.S.A.
 7. **Cervical blood perfusion using power Doppler ultrasound and the estimation of fractional moving blood volume (FMBV): a reproducibility study. Ierullo AM**, Palcio M, Fernandez S,Gratacos E, Hernandez-Andrade E. *Oral Communication* August 2008I.S.U.O.G. Chicago. U.S.A.
 8. **Increased cervical blood perfusion is associated with signs of intra amniotic inflammation in women with preterm labor and intact membranes. Ierullo AM**, Palcio M, Fernandez S.,Gratacos E, Hernandez-Andrade E. *Oral Poster* . February 2008 S.M.F.M. Dallas. U.S.A.
 9. **Uterine artery Doppler at 10-14 weeks and the interaction between decidual cells and extravillous trophoblast: an immunohistochemical study** . Prefumo F Ganapathy R, Ierullo AM, Thilaganathan B, Sebire NJ, *Oral Poster*. October 2007 I.S.U.O.G. Florence, Italy
 10. **Time to delivery in relation to the cervical length and perfusion in pregnancies whit threatened preterm labour or premature rupture of the membranes Ierullo AM**, Palcio P, Fernandez S, Hernandez-Andrade E, Gratacos E. *Oral Communication*. October 2007 I.S.U.O.G. Florence, Italy
 11. **Outcomes of antenatally diagnosed anterior abdominal wall defects** Papageorghiou AT, Fratelli N, Dey M, Ierullo AM, Bhide A, Thilaganathan B *Oral Poster*. September 2006 I.S.U.O.G. London, United Kingdom
 12. **Use of the 95th centile MCA PSV for the prediction of fetal anemia A.** Papageorghiou, Ierullo AM, Bhide A, Sairam S, Thilaganathan B *Oral Poster*. September 2006 I.S.U.O.G. London, United Kingdom
 13. **Effectiveness of bidirectional power Doppler in first and early second Trimester fetal echocardiography. Ierullo AM**, Iasci A , Sairam S, Carvalho JS. *Oral Communication*, September 2006 I.S.U.O.G. London, United Kingdom
 14. **Fetoscopic Laser Ablation Of The Placental Vascular Equator In Twin-Twin**

Transfusion Syndrome, Ierullo AM, Papageorghiou AT, Bhide A, Thilaganathan B, *Oral Poster*, September 2005 I.S.U.O.G Vancouver, Canada

15. **Transabdominal chorionic villus for prenatal diagnosis: 3 years' experience at tertiary centre, Ierullo AM**, Papageorghiou AT, Sairam S, Bhide A, Thilaganathan B., *Oral Poster*, September 2005 I.S.U.O.G Vancouver, Canada
16. **Intrauterine Growth Restricted Pregnancy and Chromosomal Abnormalities, Ierullo AM**, *Oral Communication*, April 2005 Catanzaro, Italy
17. **Neonatal Outcome of Antenatally Diagnosed Congenital Cystic Adenomatoid Malformation. Ierullo AM**, Craxford L, Ganapathy R, Bhide A, Thilaganathan B. *Poster*, February 2005 R.C.O.G. London, United Kingdom
18. **Neonatal Outcome of Antenatally Diagnosed Congenital Cystic Adenomatoid Malformation. Ierullo AM**, Craxford L, Ganapathy R, Bhide A, Thilaganathan B. *Oral Communication*, September 2004 I.S.U.O.G. Stockholm, Sweden.

B. Publicaciones

a) *Artículos*

1. **Cord and blood levels of newborn IgE: correlation, role and influence of maternal IgE.** De Amici M., Perotti F., Marseglia G.L., Ierullo A.M., Bollani L., Decembrino L., Licari A., Quaglini V., Stronati M., Spinillo A. *Immunobiology*, August 2016.
2. **Soluble HLA-G concentrations in maternal blood and cervical vaginal fluid of pregnant women with Preterm Premature Rupture of Membranes.** Beneventi F., De Amici M., Simonetta M., Cavagnoli C., Spinillo A., Martinetti M., Bellingeri C., Scancarello C., Ierullo A.M. *Journal of Reproductive Immunology J Reprod Immunol.* 2016 Aug; 116:76-80.
3. **Malnutrition in pregnancy following bariatric surgery: three clinical cases of fetal neural defects.** Pelizzo G., Calcaterra V., Fusillo M., Nakib G., Ierullo A.M., Alfei A., Spinillo A., Stronati M., Cena H. *Nutrition Journal* 2014, 13:59
4. **Triggering receptor expressed on myeloid cells -1 (TREM-1) expression on neutrophils and monocytes in pregnancy at risk of preterm delivery Ierullo A.M.**, De Amici M., F.Perotti, Tore C., Spinillo A. *Allergy* 2013 (Suppl 97) 189-336
5. **Polimorphonuclear neutrophil (PMN) antigen FcγRI (CD64) over expression in pregnancy is a marker of innate immune activation Ierullo A.M.**, De Amici M., F.Perotti, Tore C., Spinillo A. *Allergy* 2013 (Suppl 97) 337-497

6. **FcγRI (CD64) , Interleukin 8 and Interleukin 17 correlation in in pegnancies at risk of pre term delivery** Ierullo A.M., De Amici M., Tore C. , Spinillo A. *Allergy 2013 (Suppl 67)* 307-451
7. **FcγRI (CD64) over expression: monocytes activation in pregnancy and underlying inflammation in those at risk of pre term delivery** Ierullo A.M., De Amici M. Spinillo A. *Allergy 2013 (Suppl 67)* 1-97
8. **Th1 and Th2 cytokines serum and vaginal secretion levels and cervical length correlation in pregnancy at risk of preterm labour with intact membranes** . Ierullo A.M., De Amici M. , Perotti F. ; Montanari L., Stronati M., Spinillo A. *Ultrasound Obstet Gynecol 2011;38(Suppl. 1):168-281*
9. **FcγRI (CD64) expression and its correlation with serum IL-6 levels in pregnancy at risk of preterm labor.** Ierullo A.M., De Amici M. , Perotti F. ; Montanari L., Stronati M., Spinillo A. *Ultrasound Obstet Gynecol 2011;38(Suppl. 1):168-281*
10. **Cervical blood perfusion using power Doppler ultrasound and the estimation of fractional moving blood volume (FMBV): a reproducibility study** . Ierullo A.M., Palacio M., Fernandez S. , Gratacos E., Hernandez-Andrade E . *Ultrasound Obstet Gynecol 2011; 38: 57–61*
11. **Developmental change of fetal response to repeated low-intensity sound** Morokuma S., Doria V, Ierullo A.M., Arulkumaran S, Papageorghiou A.T.. *Dev Sci.* 2008 Jan;11(1):47-52.
12. **Cervical blood perfusion using power Doppler ultrasound and the estimation of fractional moving blood volume (FMBV): a reproducibility study** . Ierullo A.M., Palacio M., Fernandez S. , Gratacos E., Hernandez-Andrade E . *Ultrasound Obstet Gynecol 2008; 32: 243–307*
13. **Increased cervical blood perfusion is associated with signs of intra amniotic inflammation in women with preterm labor and intact membranes** . Ierullo A.M., Palacio M. ; Fernandez S. , Gratacos E., Hernandez Andrade E. *AJOG.* 2007.10.732
14. **Severe Twin-Twin Transfusion Syndrome: Treatment By Fetoscopic Laser Ablation Of The Placental Vascular Equator** Ierullo A.M., Papageorghiou A.T., Bhide A, Fratelli N, Thilaganathan B. *BJOG.* 2007 Jun;114(6):689-93.
15. **Uterine artery Doppler at 10–14 weeks and the interaction between decidual NK cells and extravillous trophoblast: an immunohistochemical study** . Prefumo F. , Ganapathy R., Ierullo A.M. ,Thilaganathan B. ; Sebire N.J. *Ultrasound Obstet Gynecol* October 2007 , 30(4):501-501 .
16. **Time to delivery in relation to the cervical length and perfusion in pregnancies with threatened preterm labor or premature rupture of the membranes.** Ierullo A.M., Palacio M. ; Fernandez S. , Gratacos E., Hernandez Andrade *Ultrasound Obstet Gynecol* October 2007 , 30(4):410-411

- 17. Posterior Fossa Malformation In Fetuses: A Report Of 56 Further Cases And A Review Of The Literature** Forzano F.; Mansour, S. Ierullo A.M.; Homfray, T; Thilaganathan, B. Prenat Diagn. 2007 Jun;27(6):495-501.
- 18. Effectiveness of bidirectional power Doppler in first- and – early second-trimester fetal echocardiography .** Ierullo, A.M.; Iasci A. Sairam S., Carvalho J. Ultrasound Obstet Gynecol Sept 2006 28(4):398-398
- 19. Use of the 95th centile MCA PSV for the prediction of fetal anemia .** Papageorghiu A., Ierullo AM , Bhide A., Sairam S., Thilaganathan B. Ultrasound Obstet Gynecol Sept 2006 28(4): 566 – 566
- 20. Outcomes of antenatally diagnosed anterior abdominal wall defects.** Papageorghiu A., Fratelli N., Dey M., Ierullo A.M., Bhide A. , Thilaganathan B. . Ultrasound Obstet Gynecol Sept 2006 28(4) :428-428
- 21. A newly described thoracic vascular malformation in fetuses with Down syndrome** Prefumo F, Ierullo AM., Fulcheri E, Venturini PL, De Biasio P, Thilaganathan B. Ultrasound Obstet Gynecol.2005 Sep;26(3):218-20.
- 22. Fetoscopic laser ablation of the vascular equator in twin-twin transfusion** Papageorghiu A., Ierullo AM , Bhide A., Sairam S., Thilaganathan B . Ultrasound Obstet Gynecol 2005 Sep;26(4):432-432.
- 23. Transabdominal chorionic villus for prenatal diagnosis : 3 ½ years' experience in a tertiary centre.** Ierullo AM Papageorghiu A., , Bhide A., Thilaganathan B .Ultrasound Obstet Gynecol 2005 Sep;26(4):436-436
- 24. Neonatal Outcome of Antenetally Diagnosed Congenital Cystic Adenomatoid Malformation.** Ierullo AM, Craxford L, Ganapathy R, Bhide A, Thilaganathan B. Ultrasound Obstet Gynecol 2005; 26: 150–153
- 25. Pregnancy neonatal outcome of antenetally diagnosed congenital cystic adenomatoid malformation.** Ierullo AM, Hoodbhy S, Bhide A, Thilaganathan B. Ultrasound Obstet Gynecol 2004; 26: 150–153

b) Comunicaciones

- 1. Rhesus Alloimmunisation in Pregnancy** Ierullo A.M., Bhide A. *British Journal of Sonogr.* Mayo 2006
- 2. Transvaginal Sonography and Hysteroscopy: Comparison between two methods in valuation of endometrium in women with abnormal uterine bleeding and in women in hormone replacement therapy in postmenopausal.** Piccione F, Ierullo AM, Sena T, Catizojc C, Bembo R, Mastrantonio P . *Women's Health in the 2000* (Roma , Italia 9-11 Dicembre 1998)

3. Diagnosi Prenatale di Beta Talassemia : Nostra Esperienza Corea D, Arcadia P, Cosco AG, Ierullo AM, Mastrantonio P. *Eco '98 Napoli* ,Italia 29 Novembre - 2 Dicembre 1998 (CIC Edizioni Internazionali)

4. Valutazione Ecografia Della Pervietà Tubarica :Indicazioni, Validità e Limiti Pirillo G, Catizone C, Gesmundo G, Sena T, Ierullo AM, Mastrantonio P . *Eco '98 Napoli* ,Italia 29 Novembre - 2 Dicembre 1998 (CIC Edizioni Internazionali).