

Curriculum vitae



Name: Elena Contro

Date of Birth: 13-03-1979

Place of Birth: Bologna, Italy

Qualification: Medical Doctor

Specialist in Obstetrics and Gynaecology

PhD in Fetal Medicine

Mother-tongue: Italian

Foreign Languages: English (fluent)

French (fluent)

Academic studies: Medical School at University of Bologna (1998-2004); graduated with full marks in 2004, July the 19th

Residency Training in Obstetrics and Gynaecology at University

Hospital of Bologna (2004-2009); specialization diploma achieved with full marks in 2009, November the 10th

PhD in Fetal Medicine (2010-2013); thesis: "Early ultrasound of fetal posterior fossa" discussed in 2013, April the 15th

Training:	Residency Training in Obstetrics and Gynaecology: □ 2004-2005: Assisted reproductive technology, on calls (Ob and Gyn emergency service, labor ward) □ 2006-2008: Gynaecology ward, obstetrics ward, fetal medicine unit, ultrasound in high risk pregnancies, operating theatre, on calls (Ob and Gyn, emergency service, labor ward) □ 2009: Fellowship at St George's Hospital, Fetal Medicine Unit, London, UK: ultrasound in high risk pregnancies, invasive prenatal diagnosis, in utero fetal invasive treatment PhD in Fetal Medicine: □ 2010-2013: Research area: advanced sonography of the fetal central nervous system; Clinical activity: ultrasound in high risk pregnancies, Obstetrics Ward, Fetal Medicine Unit, Operating Theatre (Ob), On Calls (Ob and Gyn Emergency Service, Labor Ward)
Actual occupation:	Consultant in Fetal Medicine University Hospital of Bologna, Italy
Surgery:	1st Operator: caesarean section 2nd Operator: operative laparoscopy, vaginal and laparotomic hysterectomy, laparotomic miomectomy
Foreign Experiences:	January-September 2009: Fellowship in Fetal Medicine, St George's Hospital, London, UK
Competence Certificates:	Genetic Ultrasound Scan at 11-13 weeks (Fetal Medicine Foundation, London, UK)
Scientific Activity:	30 publications indexed on Pubmed ISUOG (International Society of Ultrasound in Obstetrics and Gynecology) membership Trainee Editor for the British Journal of Obstetrics and Gynaecology

Awards: Best short oral communication at ISUOG 2007, Florence Italy:
“Cervical length and risk of antepartum bleeding in women with complete placenta praevia”.

Best short oral communication at ISUOG 2012, Copenhagen Denmark:
“Prenatal diagnosis of Dandy Walker malformation and Blake’s pouch cyst at 15-18 weeks”

ALLEGATO: ELENCO DELLE PUBBLICAZIONI SCIENTIFICHE

Lavori pubblicati su riviste internazionali indicizzate su PubMed:

1. [EP15.19: Umbilical artery Doppler pattern in fetuses with two vessel cord.](#)

Contro E, Bartolini L, Bernabini D, Pilu G, Rizzo N, Farina A.

Ultrasound Obstet Gynecol. 2016 Sep;48 Suppl 1:330-331. doi: 10.1002/uog.16999.

2. [Variability of Forebrain Commissures in Callosal Agenesis: A Prenatal MR Imaging Study.](#)

Cesaretti C, Nanni M, Ghi T, Parazzini C, Conte G, **Contro E**, Grisolia G, Righini A.

AJNR Am J Neuroradiol. 2016 Mar;37(3):521-7. doi: 10.3174/ajnr.A4570. Epub 2015 Oct 29.

3. [The hippocampal commissure: a new finding at prenatal 3D ultrasound in fetuses with isolated complete agenesis of the corpus callosum.](#)

Contro E, Nanni M, Bellussi F, Salsi G, Grisolia G, Sanz-Cortès M, Righini A, Rizzo N, Pilu G, Ghi T.

Prenat Diagn. 2015 Sep;35(9):919-22. doi: 10.1002/pd.4645. Epub 2015 Jul 16.

4. [Appearance of the fetal posterior fossa at 11-14 weeks in fetuses with Dandy-Walker complex or cromosomal anomalies.](#)

Volpe P, **Contro E**, Fanelli T, Muto B, Pilu G, Gentile M. Ultrasound Obstet Gynecol. 2016 Jun;47(6):720--5. doi: 10.1002/uog.14883.

5. [Sequential analysis of the normal fetal fissures with three-dimensional ultrasound: a longitudinal study.](#)

Contro E, Salsi G, Montaguti E, Morganelli G, Pilu G, Rizzo N, Bonasoni P, Ghi T.

Prenat Diagn. 2015 May;35(5):493-9. doi: 10.1002/pd.4565.

6. [Demonstration of the Pericallosal Artery at 11-13 Weeks of Gestation Using 3D Ultrasound.](#)

Conturso R, **Contro E**, Bellussi F, Youssef A, Pacella G, Martelli F, Rizzo N, Pilu G, Ghi T.

Fetal Diagn Ther. 2015;37(4):305-9. doi: 10.1159/000366156. Epub 2014 Nov 1.

7. [Uterine artery Doppler longitudinal changes in pregnancies complicated with intrauterine growth restriction without preeclampsia.](#)

Contro E, Cha DH, De Maggio I, Ismail SY, Falcone V, Gabrielli S, Farina A.

Prenat Diagn. 2014 Dec;34(13):1332-6. doi: 10.1002/pd.4476. Epub 2014 Aug 27.

8. [The descent of the fetal head is not modified by mobile epidural analgesia: a controlled sonographic study.](#)

Maroni E, Youssef A, Rainaldi MP, Valentini MV, Turchi G, Morselli-Labate AM, Paccapelo A, Pacella G, **Contro E**, Arcangeli T, Rizzo N, Pilu G, Ghi T.

Acta Obstet Gynecol Scand. 2014 May;93(5):512-6. doi: 10.1111/aogs.12370.

9. [Obstetric implications of fetal inherited thrombophilia in thrombophilic women.](#)

Bellussi F, **Contro E**, Legnani C, Galletti S, Cosentino A, Rizzo N, Ghi T.

Pregnancy Hypertens. 2014 Jan;4(1):54-8. doi: 10.1016/j.preghy.2013.11.001. Epub 2013 Nov 19.

10. [Open fourth ventricle prior to 20 weeks' gestation: a benign finding?](#)

Contro E, Volpe P, De Musso F, Muto B, Ghi T, De Robertis V, Pilu G.

Ultrasound Obstet Gynecol. 2014 Feb;43(2):154-8. doi: 10.1002/uog.13227.

11. [The effect of the contents of exomphalos and nuchal translucency at 11-14 weeks on the likelihood of associated chromosomal abnormality.](#)

Iacovella C, **Contro E**, Ghi T, Pilu G, Papageorgiou A, Thilaganathan B, Bhide A.

Prenat Diagn. 2012 Nov;32(11):1066-70. doi: 10.1002/pd.3959. Epub 2012 Sep 7.

12. [Pregnancy outcome of monochorionic twins: does amnionicity matter?](#)

Dias T, **Contro E**, Thilaganathan B, Khan H, Zanardini C, Mahsud-Dornan S, Bhide A.

Twin Res Hum Genet. 2011 Dec;14(6):586-92.

13. [Normal morphometry of fetal posterior fossa at midtrimester: brainstem-tentorium angle and brainstem-vermis angle.](#)

Ghi T, **Contro E**, De Musso F, Farina A, Conturso R, Bonasoni P, Salsi G, Youssef A, Rizzo N,

Pilu G. Prenat Diagn. 2012 May;32(5):440-3. doi: 10.1002/pd.3834. Epub 2012 Apr 11.

14. [Three-dimensional ultrasound is an accurate and reproducible technique for fetal crown-rump length measurement.](#)

Youssef A, Salsi G, Bellussi F, Arcangeli T, Farina A, **Contro E**, Maroni E, Pilu G, Rizzo N, Ghi T.

Prenat Diagn. 2012 Mar;32(3):220-7. doi: 10.1002/pd.2931.

15. [The brainstem-vermis and brainstem-tentorium angles allow accurate categorization of fetal upward rotation of the cerebellar vermis.](#)

Volpe P, **Contro E**, De Musso F, Ghi T, Farina A, Tempesta A, Volpe G, Rizzo N, Pilu G.

Ultrasound Obstet Gynecol. 2012 Jun;39(6):632-5. doi: 10.1002/uog.11101. Epub 2012 May 14.

16. [Prenatal diagnosis and outcome of fetal posterior fossa fluid collections.](#)

Gandolfi Colleoni G, **Contro E**, Carletti A, Ghi T, Campobasso G, Rembouskos G, Volpe G, Pilu G, Volpe P.

Ultrasound Obstet Gynecol. 2012 Jun;39(6):625-31. doi: 10.1002/uog.11071. Epub 2012 May

17. [Increased uterine artery pulsatility index at 34 weeks and outcome of pregnancy.](#)

Maroni E, Youssef A, Arcangeli T, Nanni M, De Musso F, **Contro E**, Kuleva M, Bellussi F, Pilu G, Rizzo N, Ghi T.

Ultrasound Obstet Gynecol. 2011 Oct;38(4):395-9. doi: 10.1002/uog.8966.

18. [Maternal cardiac function in normal twin pregnancy: a longitudinal study.](#)

Kuleva M, Youssef A, Maroni E, **Contro E**, Pilu G, Rizzo N, Pelusi G, Ghi T.

Ultrasound Obstet Gynecol. 2011 Nov;38(5):575-80. doi: 10.1002/uog.8936. Epub 2011 Aug 17.

19. [Chronic intervillitis of the placenta: a systematic review.](#)

Contro E, deSouza R, Bhide A.

Placenta. 2010 Dec;31(12):1106-10. Epub 2010 Oct 29. Review.

20. [Accuracy of fetal gender determination in the first trimester using three-dimensional ultrasound.](#)

Youssef A, Arcangeli T, Radico D, **Contro E**, Guasina F, Bellussi F, Maroni E, Morselli-Labate AM, Farina A, Pilu G, Pelusi G, Ghi T.

Ultrasound Obstet Gynecol. 2011 May;37(5):557-61. doi: 10.1002/uog.8812. Epub 2011 Mar 2.

21. [Unilaterally increased uterine artery resistance, placental location and pregnancy outcome.](#)

Contro E, Maroni E, Cera E, Youssef A, Bellussi F, Pilu G, Rizzo N, Pelusi G, Ghi T.

Eur J Obstet Gynecol Reprod Biol. 2010 Dec;153(2):143-7. Epub 2010 Jul 27.

22. [Three-dimensional ultrasound in monitoring progression of labor: a reproducibility study.](#)

Ghi T, **Contro E**, Farina A, Nobile M, Pilu G.

Ultrasound Obstet Gynecol. 2010 Oct;36(4):500-6.

23. [Persistence of increased uterine artery resistance in the third trimester and pregnancy outcome.](#)

Ghi T, **Contro E**, Youssef A, Giorgetta F, Farina A, Pilu G, Pelusi G.

Ultrasound Obstet Gynecol. 2010 Nov;36(5):577-81. doi: 10.1002/uog.7602.

24. [Prenatal ultrasound in the prediction of bowel obstruction in infants with gastroschisis.](#)

Contro E, Fratelli N, Okoye B, Papageorgiou A, Thilaganathan B, Bhide A.

Ultrasound Obstet Gynecol. 2010 Jun;35(6):702-7.

25. [Prenatal diagnosis and outcome of partial agenesis and hypoplasia of the corpus callosum.](#)

Ghi T, Carletti A, **Contro E**, Cera E, Falco P, Tagliavini G, Michelacci L, Tani G, Youssef A, Bonasoni P, Rizzo N, Pelusi G, Pilu G.

Ultrasound Obstet Gynecol. 2010 Jan;35(1):35-41.

26.[Three-dimensional sonographic imaging of fetal bilateral cleft lip and palate in the first trimester.](#)

Ghi T, Arcangeli T, Radico D, Cavallotti D, **Contro E**, Pelusi G.
Ultrasound Obstet Gynecol. 2009 Jul;34(1):119-20.

27.[Apparently isolated fetal mesocardia at midtrimester: report of a series.](#)

Ghi T, Kuleva M, Perolo A, Pilu G, Prandstraller D, Tani G, Lima M, **Contro E**, Youssef A, Pelusi G.
Prenat Diagn. 2009 Sep;29(9):889-91.

28.[The prognostic role of uterine artery Doppler studies in patients with late-onset preeclampsia.](#)

Ghi T, Youssef A, Piva M, **Contro E**, Segata M, Guasina F, Gabrielli S, Rizzo N, Pelusi G, Pilu G.
Am J Obstet Gynecol. 2009 Jul;201(1):36.e1-5. Epub 2009 Apr 19.

29.[Cervical length and risk of antepartum bleeding in women with complete placenta previa.](#)

Ghi T, **Contro E**, Martina T, Piva M, Morandi R, Orsini LF, Meriggiola MC, Pilu G, Morselli-Labate AM, De Aloysio D, Rizzo N, Pelusi G.
Ultrasound Obstet Gynecol. 2009 Feb;33(2):209-12.

30.[Prenatal sonographic imaging of Goldenhar syndrome associated with cystic eye.](#)

Ghi T, **Contro E**, Carletti A, D'Emidio L, Cera E, Morandi R, Cocchi G, Pilu G, Pelusi G.
Prenat Diagn. 2008 Apr;28(4):362-3.

Capitoli di manuali nazionali e internazionali:

1. "La sorveglianza fetale in travaglio di parto" - Cap 6: "Le applicazioni dell'ecografia al travaglio di parto" - CIC Edizioni Internazionali 2009

2. "Obstetric imaging" - chapter 40: " Intracranial Hemorrhage, Cysts, Tumors, and Destructive Lesions; chapter 41: "Neural Tube Defects: Craniorachischisis and Spina Bifida"; chapter 33: "Anencephaly" - Elsevier Edition 2011 Re-edition 2016

Abstracts presentati a congressi internazionali:

1. "World Congress ISUOG 2015". Montreal, 11-14 October 2015:
 - Oral Communication: "Gestational diabetes: a possible protective role in placental insufficiency"
 - Oral poster: "Prolonged second stage of labor: retrospective meta-analysis of the performance of the progression angle in the prediction of the mode of delivery"

2. "World Congress ISUOG 2014". Barcelona, 14-17 September 2014:
 - Oral Communication: "The hippocampal commissure: a new finding at antenatal 3D ultrasound in fetuses with isolated complete callosal agenesis"
 - Oral poster: *"Objective assessment of fetal micrognathia: a new role for the Prefrontal Space Ratio"*

3. "World Congress ISUOG 2012". Copenhagen, 9-12 September 2012:
 - Oral Communication: "Late development of the normal cerebellar vermis: is it really an obstacle to the early diagnosis of Dandy Walker malformation?"
 - Oral Communication: "Velum interpositum cyst: is it a benign finding?"
 - Oral poster: "Prenatal diagnosis of Dandy-Walker malformation and Blake's pouch cyst at 15-18 weeks".
Best oral poster in its category.

4. "World congress ISUOG 2011". Los Angeles, 18-22 September 2011:
 - Oral Communication: "The brainstem-vermis angle and the brainstem-tentorium angle in fetal posterior fossa abnormalities"
 - Oral poster: "Normal morphometry of fetal posterior fossa: brainstem-tentorium angle and brainstem-vermis angle"
 - Oral poster: "Prenatal diagnosis and postnatal outcome of fetal posterior fossa abnormalities: a prospective multicenter study"

5. "World congress ISUOG 2010". Prague, 10-14 October 2010:
 - Oral Communication: "The infrapubic fetal occiput: an objective sign of imminent vaginal delivery"

6. "World congress ISUOG 2009", Hamburg 13-17 September 2009:
 - Oral poster: "Outcome of monochorionic twins according to amnionicity"
 - Oral poster: "Prenatal ultrasound in the prediction of the need for bowel resection in infants with gastroschisis"
 - Oral poster: "Increased uterine arteries resistance after 34 weeks and pregnancy outcome"

7. "World congress ISUOG 2008", Chicago 24-28 August 2008:

-Oral poster: "Persistence of increased uterine arteries resistance in the third trimester and pregnancy outcome".

8. World congress ISUOG 2007", Florence 7-11 ottobre 2007:

-Oral poster: "Cervical length and risk of antepartum bleeding in women with complete placenta praevia".

Best oral poster in its category.

Bologna, 21 settembre 2016