

Curriculum Vitae Europass



Informazioni personali

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|----------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------|
| Nome(i) / Cognome(i) | Gianluigi Pilu | |
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| Cittadinanza | italiana | |
| Data di nascita | 17/08/1956 | |
| Luogo di nascita | Bologna | |
| Sesso | Maschile | |
| Codice fiscale | PLIGLG56M17A944I | |

Esperienza professionale

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|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Date | 1986-2005 |
| Lavoro o posizione ricoperti | Medico ospedaliero specialista in ginecologia |
| Principali attività e responsabilità | Assistenza medica e chirurgica alle pazienti ginecologiche e chirurgiche |
| Nome e indirizzo del datore di lavoro | Policlinico S.Orsola-Malpighi, via Albertoni 15, 40138 Bologna |
| Tipo di attività o settore | Medicina ospedaliera |
| Date | 2005-oggi |
| Lavoro o posizione ricoperti | Professore Associato di Clinica Ginecologica e Ostetrica |
| Principali attività e responsabilità | Docente Universitario, Medico Dirigente |
| Nome e indirizzo del datore di lavoro | Università degli Studi di Bologna |
| Tipo di attività o settore | Insegnamento universitario, ricerca scientifica, assistenza medica e chirurgica a pazienti ginecologiche e ostetriche |

Istruzione e formazione

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|----------------------------------------------------------------------|----------------------------------------------------------------------------|
| Date | 1976-1981 |
| Titolo della qualifica rilasciata | Laurea in medicina e chirurgia |
| Nome e tipo d'organizzazione erogatrice dell'istruzione e formazione | Università degli Studi di Bologna, via Zamboni 28, 40100 Bologna |
| Date | 1981-1985 |
| Titolo della qualifica rilasciata | Specialista in Ginecologia e Ostetricia, Università degli Studi di Bologna |

Nome e tipo d'organizzazione erogatrice dell'istruzione e formazione : Università degli Studi di Bologna

Data : 1984-1985

Titolo della qualifica rilasciata : Dottorato di ricerca in Medicina Materno-Fetale

Nome e tipo d'organizzazione erogatrice dell'istruzione e formazione : Università di Yale, New Haven, USA

Capacità e competenze personali

Oltre alle competenze generali di medico chirurgo e a quelle specialistiche di ginecologo, padronanza delle principali tecniche di diagnosi prenatale invasiva e non invasiva (ecografia fetale 'esperta', ecocardiografia fetale, neurosonografia fetale, amniocentesi, villocentesi, funicolocentesi) e terapia fetale (trasfusioni fetali, derivazioni toraco-amniotiche, vescico-amniotiche). Ricercatore, con numerosi lavori scientifici pubblicati, di cui 130 su riviste internazionali con *impact factor*

Madrelingua(e) : italiana

Altra(e) lingua(e) : Inglese, francese

| Autovalutazione Livello europeo (*) | Comprensione | | Parlato | | Scritto |
|----------------------------------------|--------------|---------|-------------------|------------------|---------|
| | Ascolto | Lettura | Interazione orale | Produzione orale | |
| Lingua inglese | C2 | C2 | C2 | C2 | C2 |
| Lingua francese | A2o | B2 | A2 | A2 | A2 |

Capacità e competenze sociali : Limitate; sposato, una figlia di 19 anni

Capacità e competenze organizzative : Responsabile di varie attività assistenziali e didattiche nell'ambito universitario e ospedaliero; Membro del Comitato Direttivo di diverse Società Scientifiche, Presidente della International Society of Ultrasound in Obstetrics and Gynecology 2008-2010

Capacità e competenze tecniche

Capacità e competenze informatiche : Utilizzo a livello avanzato del pacchetto Microsoft Office, in particolare Word e Excel; Utilizzo avanzato di programmi di grafica: Arts and Letters, Adobe Photoshop e Adobe Premiere

Capacità e competenze artistiche : Scrittura (autore di opere narrative pubblicate da editori professionali in Italia e all'estero, autore di numerosi testi di medicina, tra cui articoli, capitoli di libri e monografie), disegno a livello avanzato, sia con le tecniche tradizionali che con *computer graphics*

Altre capacità e competenze : Discreta competenza in biostatistica, conoscenza approfondita della letteratura inglese e della cinematografia internazionale

Patente : Patente B.

Ulteriori informazioni

Allegati : Elenco dei lavori scientifici

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali" e garantisco che quanto riportato risponde a verità

Firma

Bologna, 10 maggio 2012

Pubblicazioni

1) Articoli originali su giornali elencati su Index Medicus (IF complessivo 225,509)

1. Simonazzi G, Pilu G, Palareti G, Bernardi B, Rizzo N. Foetal cerebral hemispheric atrophy and porencephaly after intrauterine exposure to maternal warfarin for mechanical prosthetic heart valve. *Prenat Diagn* 2008;28(2):157-9.
2. Lima M, Gargano T, Ruggeri G, Manuele R, Gentili A, Pilu G, Tani G, Salfi N. [Clinical spectrum and management of congenital pulmonary cystic lesions]. *Pediatr Med Chir* 2008;30(2):79-88.
3. Ghi T, Contro E, Carletti A, D'Emidio L, Cera E, Morandi R, Cocchi G, Pilu G, Pelusi G. Prenatal sonographic imaging of Goldenhar syndrome associated with cystic eye. *Prenat Diagn* 2008;28(4):362-3.
4. Ghi T, Casadio P, Kuleva M, Perrone AM, Savelli L, Giunchi S, Meriggiola MC, Gubbini G, Pilu G, Pelusi C, Pelusi G. Accuracy of three-dimensional ultrasound in diagnosis and classification of congenital uterine anomalies. *Fertil Steril* 2008.
5. Simonazzi G, Vicenzi C, Rizzo MA, Farina A, Gabrielli S, Arcelli D, Pilu G, Sekizawa A, Rizzo N. Prospective evaluation of the risk of pre-eclampsia using logistic regression analysis. *Ultrasound Obstet Gynecol* 2007;30(3):312-7.
6. Pilu G, Segata M. A novel technique for visualization of the normal and cleft fetal secondary palate: angled insonation and three-dimensional ultrasound. *Ultrasound Obstet Gynecol* 2007;29(2):166-9.
7. Pilu G, Ghi T, Carletti A, Segata M, Perolo A, Rizzo N. Three-dimensional ultrasound examination of the fetal central nervous system. *Ultrasound Obstet Gynecol* 2007;30(2):233-45.
8. Simonazzi G, Segata M, Ghi T, Sandri F, Ancora G, Bernardi B, Tani G, Rizzo N, Santini D, Bonasoni P, Pilu G. Accurate neurosonographic prediction of brain injury in the surviving fetus after the death of a monochorionic cotwin. *Ultrasound Obstet Gynecol* 2006;27(5):517-21.
9. Prontera P, Sensi A, Pilu G, Baldi M, Baffico M, Bonasoni R, Calzolari E. FGFR3 mutation in thanatophoric dysplasia type I with bilateral cystic renal dysplasia: coincidence or a new association? *Genet Couns* 2006;17(4):407-12.
10. Pilu G, Segata M, Ghi T, Carletti A, Perolo A, Santini D, Bonasoni P, Tani G, Rizzo N. Diagnosis of midline anomalies of the fetal brain with the three-dimensional median view. *Ultrasound Obstet Gynecol* 2006;27(5):522-9.
11. Guerra B, Ghi T, Quarta S, Morselli-Labate AM, Lazzarotto T, Pilu G, Rizzo N. Pregnancy outcome after early detection of bacterial vaginosis. *Eur J Obstet Gynecol Reprod Biol* 2006;128(1-2):40-5.
12. Ghi T, Pilu G, Falco P, Segata M, Carletti A, Cocchi G, Santini D, Bonasoni P, Tani G, Rizzo N. Prenatal diagnosis of open and closed spina bifida. *Ultrasound Obstet Gynecol* 2006;28(7):899-903.
13. Gabrielli S, Marconi R, Ceccarini M, Valeri B, De Iaco P, Pilu G, Rizzo N. Transvaginal and three-dimensional ultrasound diagnosis of twin tubal pregnancy. *Prenat Diagn* 2006;26(1):91-3.
14. Farina A, Volinia S, Arcelli D, Francioso F, Desanctis P, Zucchini C, Pilu G, Carinci P, Morano D, Pittalis MC, Calderoni P, Vagnoni S, Rizzo N. Evidence of genetic underexpression in chorionic villi samples of euploid fetuses with increased nuchal translucency at 10-11 weeks' gestation. *Prenat Diagn* 2006;26(2):128-33.
15. Farina A, Concu M, Banzola I, Tempesta A, Vagnoni S, Gabrielli S, Mattioli M, Carinci P, Pilu G, Morano D, Rizzo N. PLAC1 mRNA in maternal blood correlates with Doppler waveform in uterine arteries in normal pregnancies at the second and third trimester. *Ann N Y Acad Sci* 2006;1075:130-6.
16. Pilu G, Tani G, Carletti A, Malaigia S, Ghi T, Rizzo N. Difficult early sonographic diagnosis of absence of the fetal septum pellucidum. *Ultrasound Obstet Gynecol* 2005;25(1):70-2.
17. Pilu G, Visentin A, Ambrosini G, D'Antona D, Andrisani A. Three-dimensional sonography of unilateral Tessier number 7 cleft in a mid-trimester fetus. *Ultrasound Obstet Gynecol* 2005;26(1):98-9.
18. Lima M, Lalla M, Aquino A, Domini M, Tursini S, Ruggeri G, Pelusi G, Pigna A, Tani G, Pilu GL, Prandstraller D, Salfi N. Congenital symptomatic intrahepatic arteriovenous fistulas in newborns: management of 2 cases with prenatal diagnosis. *J Pediatr Surg* 2005;40(10):e1-5.
19. Ghi T, Tani G, Carletti A, Basile B, Rizzo N, Pilu G, Bovicelli L. Transient bowel ischaemia of the fetus. *Fetal Diagn Ther* 2005;20(1):54-7.
20. Ghi T, Giunchi S, Rossi C, Pilu G, Savelli L, Mollo F, Pelusi G. Three-dimensional power Doppler sonography in the diagnosis of arteriovenous malformation of the uterus. *J Ultrasound Med* 2005;24(5):727-31.
21. Ghi T, Banfi A, Marconi R, Iaco PD, Pilu G, Aloysio DD, Pelusi G. Three-dimensional sonographic diagnosis of ovarian pregnancy. *Ultrasound Obstet Gynecol* 2005;26(1):102-4.
22. Ghi T, Cera E, Segata M, Michelacci L, Pilu G, Pelusi G. Inversion mode spatio-temporal image correlation (STIC) echocardiography in three-dimensional rendering of fetal ventricular septal defects. *Ultrasound Obstet Gynecol* 2005;26(6):679-80.
23. Sangiuolo F, Filareto A, Giardina E, Nardone AM, Pilu G, Pietropoli A, Bertini E, Novelli G. Prenatal diagnosis of spinal muscular atrophy with respiratory distress (SMARD1) in a twin pregnancy. *Prenat Diagn* 2004;24(10):839-41.
24. Ghi T, Brondelli L, Simonazzi G, Valeri B, Santini D, Sandri F, Ancora G, Pilu G. Sonographic demonstration of brain injury in fetuses with severe red blood cell alloimmunization undergoing intrauterine transfusions. *Ultrasound Obstet Gynecol* 2004;23(5):428-31.
25. Bovicelli L, Ghi T, Pilu G, Farina A, Savelli L, Simonazzi G, Calzolari E, Ferlini A, Santini D, Valeri B. Prenatal diagnosis of a complete mole coexisting with a dichorionic twin pregnancy: case report. *Hum Reprod* 2004;19(5):1231-4.
26. Baroncini-Cornea S, Fae M, Gargiulo G, Gentili A, Lima M, Pigna A, Pilu G, Tancredi S, Turci G. Tracheal agenesis: management of the first 10 months of life. *Paediatr Anaesth* 2004;14(9):774-7.
27. Savelli L, Pilu G, Valeri B, Bovicelli L. Transvaginal sonographic appearance of anaerobic endometritis. *Ultrasound Obstet Gynecol* 2003;21(6):624-5.

28. Ghi T, Simonazzi G, Perolo A, Savelli L, Sandri F, Bernardi B, Santini D, Bovicelli L, Pilu G. Outcome of antenatally diagnosed intracranial hemorrhage: case series and review of the literature. *Ultrasound Obstet Gynecol* 2003;22(2):121-30.
29. Ghi T, Pilu G, Savelli L, Segata M, Bovicelli L. Sonographic diagnosis of congenital anomalies during the first trimester. *Placenta* 2003;24 Suppl B:S84-7.
30. Ghi T, Tani G, Savelli L, Colleoni GG, Pilu G, Bovicelli L. Prenatal imaging of facial clefts by magnetic resonance imaging with emphasis on the posterior palate. *Prenat Diagn* 2003;23(12):970-5.
31. Falco P, Zagonari S, Gabrielli S, Bevini M, Pilu G, Bovicelli L. Sonography of pregnancies with first-trimester bleeding and a small intrauterine gestational sac without a demonstrable embryo. *Ultrasound Obstet Gynecol* 2003;21(1):62-5.
32. Severi FM, Bocchi C, Visentin A, Falco P, Cobellis L, Florio P, Zagonari S, Pilu G. Uterine and fetal cerebral Doppler predict the outcome of third-trimester small-for-gestational age fetuses with normal umbilical artery Doppler. *Ultrasound Obstet Gynecol* 2002;19(3):225-8.
33. Pilu G, Hobbins JC. Sonography of fetal cerebrospinal anomalies. *Prenat Diagn* 2002;22(4):321-30.
34. Ghi T, Perolo A, Banzi C, Contratti G, Valeri B, Savelli L, Morselli GP, Bovicelli L, Pilu G. Two-dimensional ultrasound is accurate in the diagnosis of fetal craniofacial malformation. *Ultrasound Obstet Gynecol* 2002;19(6):543-51.
35. Ghi T, Perolo A, Prandstraller D, Pilu G, Bovicelli L. Antenatal sonography of eustachian valve aneurysm. *Ultrasound Obstet Gynecol* 2002;20(2):206-8.
36. Visentin A, Pilu G, Falco P, Bovicelli L. The transfrontal view: a new approach to the visualization of the fetal midline cerebral structures. *J Ultrasound Med* 2001;20(4):329-33.
37. Visentin A, Falco P, Pilu G, Perolo A, Valeri B, Santini D, Bovicelli L. Prenatal diagnosis of thrombosis of the dural sinuses with real-time and color Doppler ultrasound. *Ultrasound Obstet Gynecol* 2001;17(4):322-5.
38. Savelli L, Gabrielli S, Pilu G. Two- and three-dimensional sonography of a monochorionic triplet gestation. *Ultrasound Obstet Gynecol* 2001;18(6):683-4.
39. Perolo A, Prandstraller D, Ghi T, Gargiulo G, Leone O, Bovicelli L, Pilu G. Diagnosis and management of fetal cardiac anomalies: 10 years of experience at a single institution. *Ultrasound Obstet Gynecol* 2001;18(6):615-8.
40. Contratti G, Banzi C, Ghi T, Perolo A, Pilu G, Visentin A. Absence of the ductus venosus: report of 10 new cases and review of the literature. *Ultrasound Obstet Gynecol* 2001;18(6):605-9.
41. Allan L, Benacerraf B, Copel JA, Carvalho JS, Chaoui R, Eik-Nes SH, Tegnander E, Gembruch U, Huhta JC, Pilu G, Wladimiroff J, Yagel S. Isolated major congenital heart disease. *Ultrasound Obstet Gynecol* 2001;17(5):370-9.
42. Pilu G, Perolo A, Falco P, Visentin A, Gabrielli S, Bovicelli L. Ultrasound of the fetal central nervous system. *Curr Opin Obstet Gynecol* 2000;12(2):93-103.
43. Pilu G, Visentin A, Valeri B. The Dandy-Walker complex and fetal sonography. *Ultrasound Obstet Gynecol* 2000;16(2):115-7.
44. Falco P, Gabrielli S, Visentin A, Perolo A, Pilu G, Bovicelli L. Transabdominal sonography of the cavum septum pellucidum in normal fetuses in the second and third trimesters of pregnancy. *Ultrasound Obstet Gynecol* 2000;16(6):549-53.
45. Cacciari E, Salaria S, David C, Tassinari D, Dalia Casa C, Pilu GL, Mainetti B, Gualandi S, Bovicelli L. Is statural growth predictable in utero? Follow-up from the second trimester of gestation to the 8th year of life. *J Pediatr Endocrinol Metab* 2000;13(4):381-6.
46. Rizzo N, Farina A, Pilu G, Di Luzio L, Pansini F, Carinci P, Bovicelli L. Pattern analysis for ultrasound anomalies in fetuses with normal karyotype. *Am J Perinatol* 1999;16(10):537-42.
47. Pilu G, Falco P, Gabrielli S, Perolo A, Sandri F, Bovicelli L. The clinical significance of fetal isolated cerebral borderline ventriculomegaly: report of 31 cases and review of the literature. *Ultrasound Obstet Gynecol* 1999;14(5):320-6.
48. Gabrielli S, Falco P, Pilu G, Perolo A, Milano V, Bovicelli L. Can transvaginal fetal biometry be considered a useful tool for early detection of skeletal dysplasias in high-risk patients? *Ultrasound Obstet Gynecol* 1999;13(2):107-11.
49. Cacciari A, Pilu GL, Mordenti M, Ceccarelli PL, Ruggeri G. Prenatal diagnosis of bladder exstrophy: what counseling? *J Urol* 1999;161(1):259-61; discussion 262.
50. Pilu G, Falco P, Milano V, Perolo A, Bovicelli L. Prenatal diagnosis of microcephaly assisted by vaginal sonography and power Doppler. *Ultrasound Obstet Gynecol* 1998;11(5):357-60.
51. Pilu G, Falco P, Guazzarini M, Sandri F, Bovicelli L. Sonographic demonstration of nuchal cord and abnormal umbilical artery waveform heralding fetal distress. *Ultrasound Obstet Gynecol* 1998;12(2):125-7.
52. Pilu G, Falco P, Perolo A, Sandri F, Cocchi G, Ancora G, Bovicelli L. Differential diagnosis and outcome of fetal intracranial hypoechoic lesions: report of 21 cases. *Ultrasound Obstet Gynecol* 1997;9(4):229-36.
53. Cacciari A, Ceccarelli PL, Pilu GL, Bianchini MA, Mordenti M, Gabrielli S, Milano V, Zanetti G, Pigna A, Gentili A. A series of 17 cases of congenital cystic adenomatoid malformation of the lung: management and outcome. *Eur J Pediatr Surg* 1997;7(2):84-9.
54. Todros T, Ronco G, Fianchino O, Rosso S, Gabrielli S, Valsecchi L, Spagnolo D, Acanfora L, Biolcati M, Segnan N, Pilu G. Accuracy of the umbilical arteries Doppler flow velocity waveforms in detecting adverse perinatal outcomes in a high-risk population. *Acta Obstet Gynecol Scand* 1996;75(2):113-9.
55. Rizzo N, Pittalis MC, Pilu G, Perolo A, Banzi C, Visentin A, Bovicelli L. Distribution of abnormal karyotypes among malformed fetuses detected by ultrasound throughout gestation. *Prenat Diagn* 1996;16(2):159-63.
56. Milano V, Gabrielli S, Rizzo N, Vianelli N, Gugliotta L, Orsini LF, Baravelli S, Pilu GL, Bovicelli L. Successful treatment of essential thrombocythemia in a pregnancy with recombinant interferon-alpha 2a. *J Matern Fetal Med* 1996;5(2):74-8.
57. Mesoraca A, Pilu G, Perolo A, Novelli G, Salfi N, Lucchi A, Bovicelli L, Dallapiccola B. Ultrasound and molecular mid-trimester prenatal diagnosis of de novo achondroplasia. *Prenat Diagn* 1996;16(8):764-8.

58. Falco P, Milano V, Pilu G, David C, Grisolia G, Rizzo N, Bovicelli L. Sonography of pregnancies with first-trimester bleeding and a viable embryo: a study of prognostic indicators by logistic regression analysis. *Ultrasound Obstet Gynecol* 1996;7(3):165-9.
59. David C, Tagliavini G, Pilu G, Rudenholz A, Bovicelli L. Receiver-operator characteristic curves for the ultrasonographic prediction of small-for-gestational-age fetuses in low-risk pregnancies. *Am J Obstet Gynecol* 1996;174(3):1037-42.
60. Clerici G, Burnelli L, Lauro V, Pilu GL, Di Renzo GC. Prenatal diagnosis of vasa previa presenting as amniotic band. 'A not so innocent amniotic band'. *Ultrasound Obstet Gynecol* 1996;7(1):61-3.
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62. David C, Gabrielli S, Pilu G, Bovicelli L. The head-to-abdomen circumference ratio: a reappraisal. *Ultrasound Obstet Gynecol* 1995;5(4):256-9.
63. Pilu G, Ambrosetto P, Sandri F, Tani G, Perolo A, Grisolia G, Ancora G. Intraventricular fused fornices: a specific sign of fetal lobar holoprosencephaly. *Ultrasound Obstet Gynecol* 1994;4(1):65-7.
64. Pilu G. Sonography of fetal ventriculomegaly: the never-ending story. *Ultrasound Obstet Gynecol* 1994;4(3):180-1.
65. Pilu G. Borderline fetal cerebral ventriculomegaly - the Twilight Zone. *Ultrasound Obstet Gynecol* 1993;3(2):85-7.
66. Pilu G. Prenatal diagnosis of central nervous system anomalies - 20 years after. *Ultrasound Obstet Gynecol* 1993;3(4):231-3.
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71. Pilu G, Goldstein I, Reece EA, Perolo A, Foschini MP, Hobbins JC, Bovicelli L. Sonography of fetal Dandy-Walker malformation: a reappraisal. *Ultrasound Obstet Gynecol* 1992;2(3):151-7.
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74. Rizzo N, Pittalis MC, Pilu G, Orsini LF, Perolo A, Bovicelli L. Prenatal karyotyping in malformed fetuses. *Prenat Diagn* 1990;10(1):17-23.
75. Pilu G, Sandri F, Cerisoli M, Alvisi C, Salvioli GP, Bovicelli L. Sonographic findings in septo-optic dysplasia in the fetus and newborn infant. *Am J Perinatol* 1990;7(4):337-9.
76. Goldstein I, Reece EA, Pilu GL, Hobbins JC. Sonographic evaluation of the normal developmental anatomy of fetal cerebral ventricles. IV.: The posterior horn. *Am J Perinatol* 1990;7(1):79-83.
77. Rizzo N, Gabrielli S, Perolo A, Pilu G, Cacciari A, Domini R, Bovicelli L. Prenatal diagnosis and management of fetal ovarian cysts. *Prenat Diagn* 1989;9(2):97-103.
78. Pilu G, Bovicelli L. Sonography of the fetal cranium. *Clin Diagn Ultrasound* 1989;25:221-58.
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81. Sandri F, Pilu G, Cerisoli M, Bovicelli L, Alvisi C, Salvioli GP. Sonographic diagnosis of agenesis of the corpus callosum in the fetus and newborn infant. *Am J Perinatol* 1988;5(3):226-31.
82. Pilu G, Romero R, Reece EA, Goldstein I, Hobbins JC, Bovicelli L. Subnormal cerebellum in fetuses with spina bifida. *Am J Obstet Gynecol* 1988;158(5):1052-6.
83. Orsini LF, Pilu G, Calderoni P, Zucchini S, Tripoli N, Pittalis MC, Brondelli L, Gabrielli S, Sermasi G, Bovicelli L. Intravascular intrauterine transfusion for severe erythroblastosis fetalis using different techniques. *Fetal Ther* 1988;3(1-2):50-9.
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86. Rizzo N, Gabrielli S, Pilu G, Perolo A, Cacciari A, Domini R, Bovicelli L. Prenatal diagnosis and obstetrical management of multicystic dysplastic kidney disease. *Prenat Diagn* 1987;7(2):109-18.
87. Reece EA, Goldstein I, Pilu G, Hobbins JC. Fetal cerebellar growth unaffected by intrauterine growth retardation: a new parameter for prenatal diagnosis. *Am J Obstet Gynecol* 1987;157(3):632-8.
88. Reece EA, Lockwood CJ, Rizzo N, Pilu G, Bovicelli L, Hobbins JC. Intrinsic intrathoracic malformations of the fetus: sonographic detection and clinical presentation. *Obstet Gynecol* 1987;70(4):627-32.
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