



Abbreviated Curriculum Vitae

Dra. Elena Carreras Moratonas

Dr. Elena Carreras is a Medical Doctor and Obstetric and Gynecology Specialist (Universitat Autònoma de Barcelona). She holds a PhD in Medicine by the Universitat Autònoma de Barcelona.

At present she is the Medical Coordinator of Obstetrics and Reproductive Medicine Department. Hospital Universitari Vall d'Hebron. Barcelona. She is Associated Professor of Universitat Autònoma de Barcelona, Member of Materno-fetal Medicine Unit of the Spanish Society of Obstetrics and Gynecology (SEGO), member of ISOUG (International Society of Ultrasound in Obstetrics and Gynecology) and President of the Catalan Society of Obstetrics and Gynecology. She is also Director of the Fetal Surgery Programme in Hospital Universitari Vall d'Hebron and Executive Principal Investigator at Vall d'Hebron Research Institute. She is regularly consultant of the Catalan Public Health System Department. She is reviewer of Prenatal Diagnosis Journal, Europe, The Journal of Maternal-Fetal and Neonatal Medicine and European Journal of Obstetrics and Gynecology and Reproductive Biology.

Her main topic during her career had been Fetal surgery (specially Prenatal repair of Myelomeningocele), Monochorionic twin pregnancies, Fetal Echocardiography, Neurosonography and also materno-fetal Medicine, focusing in Preterm Birth Prevention.

She is the Senior author of the PECEP Trial (Pesario cervical para evitar prematuridad) published in The Lancet (*The Lancet* 2012, 12, 379,9828, 1800-6). She has been also concerned in Preterm Birth Prevention in fetal surgery cases: Arabin cervical pessary to prevent preterm birth in severe twin-to-twin transfusion syndrome treated by laser surgery. (*Prenat Diagn.*2012, 11, 1-5). She is also Consultant at the PROMPT steering Committee (Prospective metaanalysis on pessary trials).

She is Honorary Member of the association "La vida con Hernia Diafragmática Congénita" .

She was chosen as the best gynecologist in 2014 according to Forbes magazine (nº19, diciembre)

She is the author of an Atlas de malformaciones fetales congénitas.(Ed Mayo,2007, Manual de Obstetricia y Ginecología (Ed.Ergon, 2015) and many papers in impact factor journals and has been the Director of seven PhD projects.

Her international publications in the last 5 years are:

Peiró JL, **Carreras E**, Soldado F, Sanchez-Duran MA, Aguirre M, Barber I, Martinez-Ibañez V. Fetoscopic release of umbilical cord amniotic band in a human fetus. *Ultrasound Obstet Gynecol* 2009;33:2,232-4

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Vazquez E, Castellote A, Mayolas N, **Carreras E**, Peiro JL, Enríquez G. Congenital tumours involving the head, neck and central nervous system. *Pediatr Radiol* 2009, 39: 11,1158-72

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Sanchez MA, Bello-Munoz JC, Cebrecos I, Sanz TH, Martinez JS, **Carreras Moratonas E**, Roura LC. The prevalence of congenital varicella syndrome after a maternal infection, but before 20 weeks of pregnancy: a prospective cohort study. *J Matern Fetal Neonatal Med* 2011; 24 :2, 341-7

Castellote A, Mencho S, **Carreras E**, Higuera T, Cadavid L, Piqueras J, Enriquez G. Correlation between US and MRI for prenatal lung volumetry in diaphragmatic hernia, and use of Doppler to identify the ipsilateral lung cap. *Pediatr Radiol* 2011, 41: 12, 1569-77

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Sánchez O*, Llurba E, Marsal G, Domínguez C, Aulesa C, Sánchez-Durán MA, Goya MM, Alijotas-Reig J, **Carreras E**, Cabero L. First trimester serum angiogenic/anti-angiogenic status in twin pregnancies: relationship with assisted reproduction technology. *Hum Reprod* 2012, 27:2, 358-65

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Enriquez G, Cadavid L, Garcés-Iñigo E, Castellote A, Piqueras J, Peiró JL, **Carreras E**. Tracheobronchomegaly following intrauterine tracheal occlusion for congenital diaphragmatic hernia. *Pediatr Radiol* 2012, 29

Carreras E, Arévalo S, Bello-Muñoz JC, Goya MM, Rodó C, Sanchez-Duran MA, Peiro JL, Cabero L. Arabin cervical pessary to prevent preterm birth in severe twin-to-twin transfusion syndrome treated by laser surgery. *Prenat Diagn*. 2012, 11, 1-5

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