

Fecha del CVA	31/03/2025
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## Parte A. DATOS PERSONALES

Nombre *	José Antonio		
Apellidos *	Sainz Bueno		
Sexo *		Fecha de Nacimiento *	
DNI/NIE/Pasaporte *		Teléfono *	
URL Web			
Dirección Email			
Identificador científico	Open Researcher and Contributor ID (ORCID) *		
	Researcher ID		
	Scopus Author ID		

\* Obligatorio

### A.1. Situación profesional actual

Puesto	PROFESOR TITULAR DE UNIVERSIDAD		
Fecha inicio	2022		
Organismo / Institución	U. Sevilla		
Departamento / Centro	/ Medicina		
País		Teléfono	
Palabras clave			

### A.2. Situación profesional anterior

Periodo	Puesto / Institución / País
2007 -	PROFESOR ASOCIADO / Universidad de Sevilla

### A.3. Formación académica

Grado/Master/Tesis	Universidad / País	Año
Programa Oficial de Doctorado en Cirugía	Universidad de Sevilla	2002
Licenciado en Medicina y Cirugía	Universidad de Sevilla	1997

## Parte C. MÉRITOS MÁS RELEVANTES

### C.1. Publicaciones

AC: Autor de correspondencia; (nº x / nº y): posición firma solicitante / total autores. Si aplica, indique el número de citaciones

- Artículo científico.** 2025. Angiogenic factors versus fetomaternal Doppler for fetal growth restriction at term: an open-label, randomized controlled trial. Nat Med. 1-1, pp.1-10.
- Artículo científico.** 2024. The Application of Shear Wave Elastography to Determine the Elasticity of the Levator Ani Muscle and Vaginal Tissue in Patients With Pelvic Organ Prolapse. J Ultrasound Med. 43-15, pp.913-921.
- Artículo científico.** 2024. Aplicación de la clasificación de Robson como método útil para estandarizar el manejo del parto. Un ejercicio que reduce la tasa de cesáreas.
- Artículo científico.** 2024. Applicability of Deep Learning to Dynamically Identify the Different Organs of the Pelvic Floor in the Midsagittal Plane. Int Urogynecol J. 1-1, pp.1-10.
- Artículo científico.** 2024. Foetal gluten immunogenic peptides during pregnancy: a new determinant on the coeliac exposome. BMC Med. 22-1, pp.295-302.
- Artículo científico.** 2024. Influence of Transperineal Ultrasound on the POP-Q System in the Surgical Indication of Symptomatic Pelvic Organ Prolapse.
- Artículo científico.** 2024. Is the Presence of Levator Ani Muscle Avulsion Relevant for the Diagnosis of Uterine Prolapse?. J Ultrasound Med. 43-2, pp.265-271.

- 8 **Artículo científico.** 2023. Application of Ultrasound Scores (Subjective Assessment, Simple Rules Risk Assessment, ADNEX Model, O-RADS) to Adnexal Masses of Difficult Classification.
- 9 **Artículo científico.** 2023. Can Intrapartum Ultrasonography Improve the Placement of the Vacuum Cup in Operative Vaginal Deliveries?.
- 10 **Artículo científico.** 2023. Magnetic resonance imaging of fetal abdominal pathology: a complementary tool to prenatal ultrasound.
- 11 **Artículo científico.** 2023. Prenatal ultrasound, magnetic resonance imaging and therapeutic options for fetal thoracic anomalies: a pictorial essay.
- 12 **Artículo científico.** 2023. Ultrasound Features and Ultrasound Scores in the Differentiation between Benign and Malignant Adnexal Masses.
- 13 **Artículo científico.** 2022. Are Transperineal Ultrasound Parameters Useful to Predict Incontinence in Patients with Single-Incision Mini-Slings?.
- 14 **Artículo científico.** 2022. Identification of Pelvic Congestion Syndrome Using Transvaginal Ultrasonography. A Useful Tool.
- 15 **Artículo científico.** 2022. Predictive Model for the Diagnosis of Uterine Prolapse Based on Transperineal Ultrasound.
- 16 **Artículo científico.** 2022. The Role of Transperineal Ultrasound for the Assessment of the Anorectal Angle and Its Relationship with Levator Ani Muscle Avulsion.
- 17 **Artículo científico.** 2021. Association of ABO and Rh blood groups with obstetric outcomes in SARS-CoV-2 infected pregnancies: A prospective study with a multivariate analysis.
- 18 **Artículo científico.** 2021. EVALUATION OF PRE-MALIGNANT LESIONS OF THE UTERINE CERVIX BY SHEAR WAVE ELASTOGRAPHY: A NEW DIAGNOSTIC TOOL.
- 19 **Artículo científico.** 2021. Evaluation of Placental Micro-vascularization by Superb Micro-vascular Imaging Doppler in Cases of Intra-uterine Growth Restriction: A First Step.
- 20 **Artículo científico.** 2021. Obstetric Outcomes of SARS-CoV-2 Infection in Asymptomatic Pregnant Women.
- 21 **Artículo científico.** 2021. Reliability of shear-wave elastography (SWE) for investigating cervix elastic properties in normal and benign pathological situations.
- 22 **Artículo científico.** 2021. SARS-CoV-2 Infection and C-Section: A Prospective Observational Study.
- 23 **Artículo científico.** 2021. The association between SARS-CoV-2 infection and preterm delivery: a prospective study with a multivariable analysis.
- 24 **Artículo científico.** Sainz, JA; Fernández-Palacín A; Bonomi MJ; Borrero C; Aquisé A; García-Mejido JA. 2019. A simple model to predict the complicated operative vaginal deliveries using vacuum or forceps. Am J Obstet Gynecol. 220-(2), pp.193.e1-193.e12. <https://doi.org/10.1016/j.ajog.2018.10.035>
- 25 Garcia-Jimenez, Rocio; Valero, Irene; Borrero, Carlota; Garcia-Mejido, Jose Antonio; Fernandez-Palacin, Ana; Serrano, Rosa; Sainz-Bueno, Jose Antonio. 2023. Can Intrapartum Ultrasonography Improve the Placement of the Vacuum Cup in Operative Vaginal Deliveries?. TOMOGRAPHY. 9. ISSN 2379-1381.
- 26 Caro-Domínguez P; Victoria T; Bueno Gomez M; Sainz-Bueno JA. 2023. Magnetic resonance imaging of fetal abdominal pathology: a complementary tool to prenatal ultrasound. Pediatric radiology. ISSN 0301-0449. <https://doi.org/10.1007/s00247-023-05655-0>
- 27 Garcia-Mejido, Jose Antonio; Gonzalez-Diaz, Enrique; Ortega, Ismael; Martin-Martinez, Alicia; Fernandez-Palacin, Ana; Sainz-Bueno, Jose Antonio. 2023. Multicenter study of the evolution of different types of avulsion over the 12 months after delivery. INTERNATIONAL JOURNAL OF GYNECOLOGY & OBSTETRICS. 160. ISSN 0020-7292.
- 28 García-Mejido JA; García Pombo S; Fernández-Conde C; Fernández-Palacín A; Borrero C; Sainz-Bueno JA. 2023. Reproducibility of the anorectal angle with transperineal ultrasound. Quantitative imaging in medicine and surgery. 13, pp.1664-1671. ISSN 2223-4292. <https://doi.org/10.21037/qims-22-714>
- 29 Antonio Garcia-Mejido, Jose; Gonzalez-Diaz, Enrique; Ortega, Ismael; Borrero, Carlota; Fernandez-Palacin, Ana; Antonio Sainz-Bueno, Jose. 2022. 2D ultrasound diagnosis of middle compartment prolapse: a multicenter study. QUANTITATIVE IMAGING IN MEDICINE AND SURGERY. 12. ISSN 2223-4292.

- 30 Antonio Garcia-Mejido, Jose; Blasco-Hernandez, Pedro; Fernandez-Conde, Cristina; Garcia-Pombo, Sara; Fernandez-Palacin, Ana; Borrero, Carlota; Antonio Sainz-Bueno, Jose. 2022. Are Transperineal Ultrasound Parameters Useful to Predict Incontinence in Patients with Single-Incision Mini-Slings?. TOMOGRAPHY. 8. ISSN 2379-1381.
- 31 Garcia-Mejido, Jose A.; Sanchez-Sevilla, Miguel; Gonzalez-Martinez, Jesus; Fernandez-Palacin, Ana; Sainz-Bueno, Jose A. 2022. Can clinicopathological factors improve the prediction of metastasis to nonsentinel lymph nodes in patients with breast cancer?. CIRUGIA Y CIRUJANOS. 90. ISSN 0009-7411.
- 32 Antonio Garcia-Mejido, Jose; Fernandez-Palacin, Ana; Lao-Pena, Carolina; Antonio Sainz-Bueno, Jose. 2022. Diagnosis of Levator Ani Muscle Avulsion in Instrumented Delivery: Meta-analysis. CLINICAL AND EXPERIMENTAL OBSTETRICS & GYNECOLOGY. 49. ISSN 0390-6663.
- 33 Garcia Mejido, J. A.; Ortega, I.; Garcia-Jimenez, R.; Sainz-Bueno, J. A. 2022. Differential diagnosis of posterior compartment prolapse using transperineal ultrasound. ULTRASOUND IN OBSTETRICS & GYNECOLOGY. 60. ISSN 0960-7692.
- 34 Garcia-Jimenez, Rocio; Valero, Irene; Corrales-Gutierrez, Isabel; Granell, Reyes; Borrero, Carlota; Antonio Sainz-Bueno, Jose. 2022. Does a High-Risk (> 1/50) Result for First-Trimester Combined Screening Always Entail Invasive Testing? Which Patients from This Group Might Benefit from cfDNA Testing?. BIOMEDICINES. 10.
- 35 Valero, Irene; Garcia-Jimenez, Rocio; Valdevieso, Pamela; Garcia-Mejido, Jose A.; Gonzalez-Herraez, Jose V.; Pelayo-Delgado, Irene; Fernandez-Palacin, Ana; Sainz-Bueno, Jose A. 2022. Identification of Pelvic Congestion Syndrome Using Transvaginal Ultrasonography. A Useful Tool. TOMOGRAPHY. 8. ISSN 2379-1381.
- 36 Garcia-Jimenez, Rocio; Antonio Garcia-Mejido, Jose; Valero, Irene; Fernandez-Palacin, Ana; Borrero, Carlota; Antonio Sainz-Bueno, Jose. 2022. Intra- and Interobserver Reliability of Superb Microvascular Imaging (SMI) Doppler for Assessing Placental Microvasculature. CLINICAL AND EXPERIMENTAL OBSTETRICS & GYNECOLOGY. 49. ISSN 0390-6663.
- 37 García-Mejido JA; González-Díaz E; Ortega I; Martín-Martínez A; Fernández-Palacín A; Sainz-Bueno JA. 2022. Multicenter study of the evolution of different types of avulsion over the 12 months after delivery. International journal of gynaecology and obstetrics: the official organ of the International Federation of Gynaecology and Obstetrics. 160, pp.93-97. ISSN 0020-7292. <https://doi.org/10.1002/ijgo.14208>
- 38 Antonio Garcia-Mejido, Jose; Ramos-Vega, Zenaida; Fernandez-Palacin, Ana; Borrero, Carlota; Valdivia, Maribel; Pelayo-Delgado, Irene; Antonio Sainz-Bueno, Jose. 2022. Predictive Model for the Diagnosis of Uterine Prolapse Based on Transperineal Ultrasound. TOMOGRAPHY. 8. ISSN 2379-1381.
- 39 Antonio Sainz-Bueno, Jose; Jose Bonomi, Maria; Suarez-Serrano, Carmen; Medrano-Sanchez, Esther M.; Armijo, Alberto; Fernandez-Palacin, Ana; Antonio Garcia-Mejido, Jose. 2022. Quantification of 3/4D ultrasound pelvic floor changes induced by postpartum muscle training in patients with levator ani muscle avulsion: a parallel randomized controlled trial. QUANTITATIVE IMAGING IN MEDICINE AND SURGERY. 12. ISSN 2223-4292.
- 40 Sainz-Bueno JA; Bonomi MJ; Suárez-Serrano C; Medrano-Sánchez EM; Armijo A; Fernández-Palacín A; García-Mejido JA. 2022. Quantification of 3/4D ultrasound pelvic floor changes induced by postpartum muscle training in patients with levator ani muscle avulsion: a parallel randomized controlled trial. Quantitative imaging in medicine and surgery. 12, pp.2213-2223. ISSN 2223-4292. <https://doi.org/10.21037/qims-21-877>
- 41 Antonio Garcia-Mejido, Jose; Pombo, Sara Garcia; Fernandez-Conde, Cristina; Fernandez-Palacin, Ana; Borrero, Carlota; Antonio Sainz-Bueno, Jose. 2022. Reproducibility of the anorectal angle with transperineal ultrasound. QUANTITATIVE IMAGING IN MEDICINE AND SURGERY. ISSN 2223-4292.
- 42 Garcia-Manau P; Mendoza M; Bonacina E; et al; Carreras E. 2022. The Fetal Growth Restriction at Term Managed by Angiogenic Factors Versus Feto-Maternal Doppler (GRAFD) Trial to Avoid Adverse Perinatal Outcomes: Protocol for a Multicenter, Open-Label, Randomized Controlled Trial. JMIR research protocols. 11, pp.e37452. ISSN 1929-0748. <https://doi.org/10.2196/37452>



- 43 Garcia-Mejido, Jose Antonio; Garcia-Pombo, Sara; Fernandez-Conde, Cristina; Borrero, Carlota; Fernandez-Palacin, Ana; Sainz-Bueno, Jose Antonio. 2022. The Role of Transperineal Ultrasound for the Assessment of the Anorectal Angle and Its Relationship with Levator Ani Muscle Avulsion. TOMOGRAPHY. 8. ISSN 2379-1381.
- 44 Sainz Bueno JA; Cerrillos González L; Abascal-Saiz A; et al; Spanish Obstetric Emergency Group. 2021. Association of ABO and Rh blood groups with obstetric outcomes in SARS-CoV-2 infected pregnancies: A prospective study with a multivariate analysis. European journal of obstetrics, gynecology, and reproductive biology. 264, pp.41-48. ISSN 0301-2115. <https://doi.org/10.1016/j.ejogrb.2021.07.008>
- 45 Fernández-Alba JJ; Soto Pazos E; Moreno Cortés R; Vilar Sánchez Á; González Macías C; Castillo Lara M; Moreno Corral L; Sainz Bueno JA. 2020. "INTERGROWTH21st vs customized fetal growth curves in the assessment of the neonatal nutritional status: a retrospective cohort study of gestational diabetes". BMC pregnancy and childbirth. 20, pp.139. <https://doi.org/10.1186/s12884-020-2845-y>
- 46 Gonzalez-Diaz, Enrique; Garcia-Mejido, Jose A.; Martin-Martinez, Alicia; et al; Sainz, Jose A. 2020. Are there differences in the damage to the pelvic floor between malmstrom's and kiwi omnicup vacuums? A multicenter study. NEUROUROLOGY AND URODYNAMICS. 39. ISSN 0733-2467.
- 47 Garcia-Mejido, Jose A.; Idoia-Valero, Irene; Aguilar-Galvez, Isabel M.; Gonzalez, Carlota Borrero; Fernandez-Palacin, Ana; Sainz, Jose A. 2020. Association between sexual dysfunction and avulsion of the levator ani muscle after instrumental vaginal delivery. ACTA OBSTETRICIA ET GYNECOLOGICA SCANDINAVICA. ISSN 0001-6349.
- 48 Sainz, Jose A.; Torres, Maria R.; Peral, Ignacio; et al; Gil, Maria M. 2020. Clinical and Economic Evaluation after Adopting Contingent Cell-Free DNA Screening for Fetal Trisomies in South Spain. FETAL DIAGNOSIS AND THERAPY. 47. ISSN 1015-3837.
- 49 Castro, Laura; Antonio Garcia-Mejido, Jose; Arroyo, Eva; Carrera, Jara; Fernandez-Palacin, Ana; Antonio Sainz, Jose. 2020. Influence of epidemiological characteristics (age, parity and other factors) in the assessment of healthy uterine cervical stiffness evaluated through shear wave elastography as a prior step to its use in uterine cervical pathology. ARCHIVES OF GYNECOLOGY AND OBSTETRICS. 302. ISSN 0932-0067.
- 50 Garcia-Mejido, J. A.; Martin-Martinez, A.; Gonzalez-Diaz, E.; et al; Sainz, J. A. 2020. Malmstrom vacuum or Kielland forceps: which causes more damage to pelvic floor?. ULTRASOUND IN OBSTETRICS & GYNECOLOGY. 55. ISSN 0960-7692.
- 51 Sainz, Jose A.; Gonzalez-Diaz, Enrique; Martinez, Alicia M.; Ortega, Ismael; Fernandez-Fernandez, Camino; Palacin, Ana F.; Garcia-Mejido, Jose A. 2020. Prevalence of levator hiatal overdistension after vacuum and forceps deliveries. NEUROUROLOGY AND URODYNAMICS. 39. ISSN 0733-2467.
- 52 Antonio Sainz, Jose; Carrera, Jara; Borrero, Carlota; Antonio Garcia-Mejido, Jose; Fernandez-Palacin, Ana; Robles, Antonio; Sosa, Francisco; Arroyo, Eva. 2020. STUDY OF THE DEVELOPMENT OF PLACENTAL MICROVASCULARITY BY DOPPLER SMI (SUPERB MICROVASCULAR IMAGING): A REALITY TODAY. ULTRASOUND IN MEDICINE AND BIOLOGY. 46. ISSN 0301-5629.
- 53 Sainz JA; Carrera J; Borrero C; García-Mejido JA; Fernández-Palacín A; Robles A; Sosa F; Arroyo E. 2020. Study of the Development of Placental Microvascularity by Doppler SMI (Superb Microvascular Imaging): A Reality Today. Ultrasound in medicine & biology. 46, pp.3257-3267. ISSN 0301-5629. <https://doi.org/10.1016/j.ultrasmedbio.2020.08.017>
- 54 Antonio Garcia-Mejido, Jose; Antonio Sainz, Jose. 2020. Type of levator ani muscle avulsion as predictor for the disappearance of avulsion. NEUROUROLOGY AND URODYNAMICS. 39. ISSN 0733-2467.

### C.3. Proyectos y Contratos

- 1 **Proyecto.** Nutripeptidoma del líquido amniótico y sus implicaciones en las patologías relacionadas con el gluten. Proyectos I+D+i FEDER Andalucía 2014-2020. Carolina Sousa Martin. (Universidad de Sevilla. F Farmacia). 01/02/2020-30/04/2022. 45.000 €.

- 2 **Proyecto.** Desarrollo de un modelo predictivo de complicaciones hepáticas en pacientes con fibrosis avanzada que consiguen respuesta viral sostenida tras tratamiento frente a la infección por VHC. (Instituto de Salud Carlos III). 2019-2022. 120.000 €.
- 3 **Proyecto.** Cirugía de corta estancia en cáncer de mama. Rogelio Garrido Teruel. (Hospital Universitario Valme). 01/01/2007-31/12/2010. 25.000 €.
- 4 **Proyecto.** Estudio de las rehospitalizaciones en el alta precoz tras un parto normal. Servicio Andaluz de Salud. José Antonio Sainz Bueno. (Departamento de Obstetricia-Ginecología y Pediatría del H.U. de Valme). 1999-2001.
- 5 **Proyecto.** Estudio comparativo de la función hepática en pacientes intervenidos por vía abierta versus laparoscópica. Jose Antonio Sainz Bueno. (Fondo de Investigación Sanitaria-Instituto de Salud Carlos III). Desde 2004.
- 6 **Proyecto.** Ensayo Clínico CLSO25A 2301. ESTALIS?25/125/LIS O25A. José Antonio Sainz Bueno.
- 7 **Proyecto.** Reparación mediante rehabilitación de las lesiones del suelo pélvico tras el parto vaginal identificadas mediante ecografía transperineal 3/4D\_\_\_PI16-01387. José Antonio Sainz Bueno. (Instituto de Salud Carlos III). 18.755 €.

#### **C.4. Actividades de transferencia y explotación de resultados**

- 1 04/2022/1241. MODEL FOR THE PREDICTION OF UTERINE PROLAPSE WITH TRANSPERINEAL ULTRA SOUND WITH BALLONING España. 01/04/2022. Asociacion Fetalginsalud.
- 2 04/2022/1242. MODEL FOR THE PREDICTION OF UTERINE PROLAPSE WITH TRANSPERINEAL ULTRA SOUND WITH BALLONING AND AVULSION 01/04/2022. Asociacion Fetalginsalud.
- 3 04/2022/1061. MODEL FOR THE PREDICTION OF UTERINE PROLAPSE WITH TRANSPERINEAL ULTRASOUND España. 01/04/2022. Asociacion Fetalginsalud.
- 4 SE-856-14. PREDICTOR OF INSTRUMENTATION DIFFICLTY IN VACUUM-ASSISTED DELIVERY. España. 01/12/2014. Universidad de Sevilla.