

## 1. Internal ERA Papers

**A genomic diagnostic tool for human endometrial receptivity based on the transcriptomic signature.**

Díaz-Gimeno P, Horcajadas JA, Martínez-Conejero JA, Esteban FJ, Alamá P, Pellicer A, Simón C.  
Fertil Steril. 2011 Jan;95(1):50-60, 60.e1-15. doi: 10.1016/j.fertnstert.2010.04.063. Epub 2010 Jul 8.  
PMID:20619403

**The accuracy and reproducibility of the endometrial receptivity array is superior to histology as a diagnostic method for endometrial receptivity.**

Díaz-Gimeno P, Ruiz-Alonso M, Blesa D, Bosch N, Martínez-Conejero JA, Alamá P, Garrido N, Pellicer A, Simón C.  
Fertil Steril. 2013 Feb;99(2):508-17. doi: 10.1016/j.fertnstert.2012.09.046. Epub 2012 Oct 23. PMID:23102856

**The endometrial receptivity array for diagnosis and personalized embryo transfer as a treatment for patients with repeated implantation failure.**

Ruiz-Alonso M, Blesa D, Díaz-Gimeno P, Gómez E, Fernández-Sánchez M, Carranza F, Carrera J, Vilella F, Pellicer A, Simón C.  
Fertil Steril. 2013 Sep;100(3):818-24. doi: 10.1016/j.fertnstert.2013.05.004. Epub 2013 Jun 4. PMID:23756099

**What a difference two days make: "personalized" embryo transfer (pET) paradigm: a case report and pilot study.**

Ruiz-Alonso M, Galindo N, Pellicer A, Simón C.  
Hum Reprod. 2014 Jun;29(6):1244-7. doi: 10.1093/humrep/deu070. Epub 2014 Apr 15. PMID:24737781

**The impact of using the combined oral contraceptive pill for cycle scheduling on gene expression related to endometrial receptivity.**

Bermejo A, Iglesias C, Ruiz-Alonso M, Blesa D, Simón C, Pellicer A, García-Velasco J.  
Hum Reprod. 2014 Jun;29(6):1271-8. doi: 10.1093/humrep/deu065. Epub 2014 Apr 4. PMID:24706003

**Timing the window of implantation by nucleolar channel system prevalence matches the accuracy of the endometrial receptivity array.**

Nejat EJ, Ruiz-Alonso M, Simón C, Meier UT.  
Fertil Steril. 2014 Nov;102(5):1477-81. doi: 10.1016/j.fertnstert.2014.07.1254. Epub 2014 Sep 17. PMID:25241377

**Impact of final oocyte maturation using gonadotropin-releasing hormone agonist triggering and different luteal support protocols on endometrial gene expression.**

Bermejo A, Cerrillo M, Ruiz-Alonso M, Blesa D, Simón C, Pellicer A, García-Velasco JA.  
Fertil Steril. 2014 Jan;101(1):138-146.e3. doi: 10.1016/j.fertnstert.2013.09.033. Epub 2013 Oct 29. PMID:24182413

**Is endometrial receptivity transcriptomics affected in women with endometriosis? A pilot study.**

García-Velasco JA, Fassbender A, Ruiz-Alonso M, Blesa D, D'Hooghe T, Simon C.  
Reprod Biomed Online. 2015 Nov;31(5):647-54. doi: 10.1016/j.rbmo.2015.07.014. Epub 2015 Aug 11. PMID:26385059

**Intrauterine human chorionic gonadotropin infusion in oocyte donors promotes endometrial synchrony and induction of early decidual markers for stromal survival: a randomized clinical trial.**

Strug MR, Su R, Young JE, Dodds WG, Shavell VI, Díaz-Gimeno P, Ruiz-Alonso M, Simón C, Lessey BA, Leach RE, Fazleabas AT.  
Hum Reprod. 2016 Jul;31(7):1552-61. doi: 10.1093/humrep/dew080. Epub 2016 Apr 26. PMID:27122490

**Does an increased body mass index affect endometrial gene expression patterns in infertile patients? A functional genomics analysis.**

Comstock IA, Diaz-Gimeno P, Cabanillas S, Bellver J, Sebastian-Leon P, Shah M, Schutt A, Valdes CT, Ruiz-Alonso M, Valbuena D, Simon C, Lathi RB.  
Fertil Steril. 2017 Mar;107(3):740-748.e2. doi: 10.1016/j.fertnstert.2016.11.009. Epub 2016 Dec 2. PMID:27919438

**Window of implantation transcriptomic stratification reveals different endometrial subsignatures associated with live birth and biochemical pregnancy.**

Díaz-Gimeno P, Ruiz-Alonso M, Sebastian-Leon P, Pellicer A, Valbuena D, Simón C.  
Fertil Steril. 2017 Oct;108(4):703-710.e3. doi: 10.1016/j.fertnstert.2017.07.007. Epub 2017 Aug 30. PMID:28863933

**Inter-cycle consistency versus test compliance in endometrial receptivity analysis test.**

Stankewicz T, Valbuena D, Ruiz-Alonso M.  
J Assist Reprod Genet. 2018 May 26. doi: 10.1007/s10815-018-1212-7

**Window of implantation is significantly displaced in patients with adenomyosis with previous implantation failure as determined by endometrial receptivity assay.**

Mahajan N, Kaur S, Ruiz-Alonso M.  
Journal of human reproductive sciences. 2018; 11(4):353.

**Effect of mifepristone on the transcriptomic signature of endometrial receptivity.**

von Grothusen C, Lalitkumar PG, Ruiz-Alonso M, Boggavarapu NR, Navarro R, Miravet-Valenciano J, Gemzell-Danielsson K, Simon C.  
Hum Reprod. 2018 Aug 22. doi: 10.1093/humrep/dey272. [Epub ahead of print] PMID: 30137464

**A 5-year multicentre randomized controlled trial comparing personalized, frozen and fresh blastocyst transfer in IVF.**

Simón, C., Gómez, C., Cabanillas, S., Vladimirov, I., Castellón, G., Giles, et al.  
Reproductive BioMedicine Online, 2020; 41(3):402-415.

## 2. External ERA Papers

**Live birth after embryo transfer in an unresponsive thin endometrium.**

F. Cruz, J. Bellver.  
Gynecol Endocrinol. 2014 Jul;30(7):481-4. doi: 10.3109/09513590.2014.900747. Epub 2014 Mar 20.

**Endometrial receptivity array: Clinical application.**

Mahajan N.  
J Hum Reprod Sci. 2015 Jul-Sep;8(3):121-9. doi: 10.4103/0974-1208.165153. Review. PMID:26538853

**Efficacy of the endometrial receptivity array for repeated implantation failure in Japan: A retrospective, two-centers study.**

Hashimoto T, Koizumi M, Doshida M, Toya M, Sagara E, Oka N, Nakajo Y, Aono N, Igarashi H, Kyono K.  
Reprod Med Biol. 2017 Jun 27;16(3):290-296. doi: 10.1002/rmb2.12041. eCollection 2017 Jul. PMID:29259480

**The role of the endometrial receptivity array (ERA) in patients who have failed euploid embryo transfers.**

Tan J, Kan A, Hitkari J, Taylor B, Tallon N, Warraich G, Yuzpe A, Nakhuda G.  
J Assist Reprod Genet. 2018 Jan 11. doi: 10.1007/s10815-017-1112-2. PMID:29327111

**Different Endometrial Receptivity in Each Hemiuterus of a Woman With Uterus Didelphys and Previous Failed Embryo Transfers.**

Carranza F, González-Ravina A, Blasco V, Fernández-Sánchez M. J  
Hum Reprod Sci. 2018;11(3):297- 299. doi: 10.4103/jhrs.JHRS\_113\_18.

**The Reproductive Outcomes for the Infertile Patients with Recurrent Implantation Failures May Be Improved by Endometrial Receptivity Array Test.**

Ota, T., Funabiki, M., Tada, Y., Karita, M., Hayashi, T., Maeda, K. et al.  
Journal of Medical Cases. 2019; 10(5), 138-140. doi: https://doi.org/10.14740/jmc3282

**Why results of endometrial receptivity assay testing should not be discounted in recurrent implantation failure?**

Simrandeep K., Padmaja N.

The Onco Fertility Journal. 2019; 2(1): 46-49.

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**Personalized Embryo Transfer Helps in Improving In vitro Fertilization/ICSI Outcomes in Patients with Recurrent Implantation Failure.**

Patel JA, Patel AJ, Banker JM, Shah SI, Banker MR. J

Hum Reprod Sci. 2019; 12(1):59-66. doi: 10.4103/jhrs.JHRS\_74\_18.

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**Endometrial Receptivity Analysis - a tool to increase an implantation rate in assisted reproduction.**

Hromadová L; Tokareva I; Veselá K; Trávník P; Veselý J.

Ceska Gynekol. 2019; 84(3): 177-183.