

Amy E.T. Sparks, PhD

Articles:

Van Voorhis BJ, Greensmith JE, Dokras A, Sparks AE, Simmons ST, Syrop CH. Hyperbaric oxygen and ovarian follicular stimulation for in vitro fertilization: a pilot study. *Fertil Steril.* 2005 Jan;83(1):226-8.

Wald M, Sparks AE, Sandlow J, Van-Voorhis B, Syrop CH, Niederberger CS. Computational models for prediction of IVF/ICSI outcomes with surgically retrieved spermatozoa. *Reprod Biomed Online.* 2005 Sep;11(3):325-31.

Olson CK, Keppler-Noreuil KM, Romitti PA, Budelier WT, Ryan G, Sparks AE, Van Voorhis BJ. In vitro fertilization is associated with an increase in major birth defects. *Fertil Steril.* 2005 Nov;84(5):1308-15.

Ryan GL, Moss V, Davis WA, Sparks AE, Dokras A, Van Voorhis BJ. Oral ovulation induction agents combined with low-dose gonadotropin injections and intrauterine insemination: cost- and clinical effectiveness. *J Reprod Med.* 2005 Dec;50(12):943-50.

Dokras A, Baredziak L, Blaine J, Syrop C, VanVoorhis BJ, Sparks A. Obstetric outcomes after in vitro fertilization in obese and morbidly obese women. *Obstet Gynecol.* 2006 Jul;108(1):61-9.

Stahl BC, Patil SR, Syrop CH, Sparks AE, Wald M. Supernumerary minute ring chromosome 14 in a man with primary infertility and left varicocele. *Fertil Steril.* 2007 May;87(5):1213.e1-3. Epub 2007 Jan 17.

Ryan GL, Sparks AE, Sipe CS, Syrop CH, Dokras A, Van Voorhis BJ. A mandatory single blastocyst transfer policy with educational campaign in a United States IVF program reduces multiple gestation rates without sacrificing pregnancy rates. *Fertil Steril.* 2007 Aug;88(2):354-60. Epub 2007 May 9.

Stokes-Riner A, Thurston SW, Brazil C, Guzick D, Liu F, Overstreet JW, Wang C, Sparks A, Redmon JB, Swan SH. One semen sample or 2? Insights from a study of fertile men. *J Androl.* 2007 Sep-Oct;28(5):638-43. Epub 2007 May 23.

Feng HL, Han YB, Sparks AE, Sandlow JI. Characterization of human sperm antigens reacting with anti-sperm antibodies from an infertile female patient's serum. *J Androl.* 2008 Jul-Aug;29(4):440-8. Epub 2008 Mar 20.

Gollenberg AL, Liu F, Brazil C, Drobnis EZ, Guzick D, Overstreet JW, Redmon JB, Sparks A, Wang C, Swan SH. Semen quality in fertile men in relation to psychosocial stress. *Fertil Steril.* 2009 Feb 23. [Epub ahead of print]

Mains L, Ryan G, Sparks A, Van Voorhis B. Sextuplets: an unusual complication of single embryo transfer. *Fertil Steril.* 2009 Mar;91(3):932.e1-2. Epub 2008 Oct 30.

Scholarly Publications

**Department of Obstetrics and Gynecology
University of Iowa, Iowa City, IA**

Swan SH, Liu F, Hines M, Kruse RL, Wang C, Redmon JB, Sparks A, Weiss B. Prenatal phthalate exposure and reduced masculine play in boys. *Int J Androl.* 2009 Nov 16. [Epub ahead of print]