

References

- Adel W and Hammad T (2001):*** Chondroitin sulfate and glucosamine: A review of their safety profile. *JANA.*; 3:16-23.
- Aboulghar MA, Everes JH and Inany H (2003):*** Intravenous albumin for prevention of severe OHSS. *The Netherlands Hum Repro*; 17(12): 3027-32.
- Adams SM, Gayer N and Hosie MJ (2002):*** Human uterodomes (pinopodes) do not display pincytotic function. *Hum Reprod* 17,1980-1986.
- Albelda SM and Buck CA (1990):*** Integrins and other cell adhesion molecules.FASEB J 4,2868-2880.
- Ames B (1983):*** Dietary Carcinogens and Anticarcinogens. *Science* 221:1256-64.
- Amit A, Thaler I, Paz Y and Itskovitz-Eldor J (1998):*** The effect of nitric oxide donor on Doppler flow velocity waveform in the uterine artery.
- Anderson AN, Gianaroli L and Felberbaum R (2005):***The European IVF-monitoring programme (EIM), European Society of Human Reproduction and Embryology (ESHRE). Assisted reproductive technology in Europe, 2001. Results generated from European registers by ESHRE. *Hum Reprod*; 20(5): 1158-1176.

Andoh K, Mizunuma H, Liu X, Kamjio T, Yamada K and Lubki Y(1998):

A comparative study of fixed dose, step down, and low dose step up regimens of HMG for patients with PCOs. *Fertile Steril*; 70: 840- 846.

Aplin JD (1991): Glycans as biochemical markers of human endometrial secretory differentiation. *J Reprod Fertil* 92,525-541.

Aplin JD (2000): The cell biological basis of human implantation. Bailliteres sub-second contacts. *Semin Immunol* 14,93-104.

Apparao KB, Murray MJ and Fritz MA (2001): Osteopontin and its receptor alphavbeta(3) integrin are coexpressed in the human endometrium during the menstrual cycle but regulated differentially. *J Qin Endocrinol Metab* 86,4991-5000.

Aleyasin A, Aghahasseni M, Mohseni A and Mahdavi A (2009): Effect of pentoxifylline and vitamin E on pregnancy rate in infertile women treated by ZIFT: a randomized clinical trial-Iranian J of reproduction Medicine. 7 (4), 175-179.

Atkinson, Epand RF and Epand RM (2008): "Tocopherols and tocotrienols in membranes: a critical review". *Free radical biology & medicine* 44 (5): 739-64.

Baird DD, Wilcox AJ and Weinberg CR (1997): Preimplantation hormonal differences between the conception and non-conception menstrual cycles of 32 normal women. *Hum Reprod*; 12:2607-13.

Balasch J, Vidal E, Penarrubia J, Casamitjana R, Cannona F and Monteserrat C(2001): Supression of. LH during ovarian

stimulation: analyzing threshold values and effects on ovarian response and outcome of ART in downregulated women stimulated with rFSH. Hum Repro; 16: 1636-43.

Baruffi RL, Confart P and Mauri T (2002): A uterin ultrasonographic scoring system as a method for the prognosis of embryo implantation. J Assist Reprod Genet.

Bassil, S (2001): Changes in endometrial thickness, and pattern in predicting pregnancy outcome during ovarian stimulation in in vitro fertilization. Ultrasound Obstet Gynecol.;18:258-263.

Bergeron C, Ferency A and Toft DO (1988): Immunocytochemical study of progesterone receptors in the human endometrium during the menstrual cycle. Lab Invest ; 59:862-9.

Berman B, Wietzerbin J, Sanceau J, Merlin G and Duncan MR (1992): Pentoxifylline inhibits certain constitutive and tumor necrosis factor- α -induced activities of human normal dermal fibroblasts. J Invest Dermatol; 98; 706-12.

Bonduelle M, Camus IVT and De Vos A (1999): Seven years of intracytoplasmic sperm injection and follow-up of 1987 subsequent children. Hum Reprod; 14 (suppl 1):243 264.

Borm G and Mannaerts B (2002): treatment with GnRH antagonist ganirelix in women undergoing ovarian stimulation with rFSH is effective, safe and converenien: a results of a controlled. Rendomomized, multicenter trial the European orgaluteran study group. Hum Reprod.; 15: 1490-1498.

- Braude P, Bolton V and Moore S (1988):*** Human gene expression first occurs between the four- and eight-cell stages of preimplantation development. *Nature*, 332 (6163): 459-461.
- Brigelius-Flohe (2009):*** "Vitamin E: the shrew waiting to be tamed". *Free radical biology & medicine* 46 (5): 543-54.
- Cedars MI, Surey E, Hamilton F, Lapolt P and Meldrum DR(2005):*** Leuprolide acetate lowers circulating bioactive luteinizing hormone and testosterone concentrations during ovarian stimulation for oocyte retrieval. *Fertil Steril*; 63: 627.
- Cermik D, Sclam B and Taylor HS (2003):*** Regulation of HOXA-10 expression by testosterone in vitro and in the endometrium of patients with polycystic ovary syndrome. *J. Clin Endocrinol* 88, 238-243.
- Chaouat G, Menu E., Delage G., Moreau J.F., Khrishnan L., Hui L., Meliani A.A., Martal J., Raghupathy R and Lelaidier C. (1995):*** Immuno-endocrine interactions in early pregnancy. *Hum. Reprod.*, 10, (Suppl, 2), 55-59.
- Check JH, Gandica R and Dietterich C (2003):*** Evaluation of a nonhomogeneous endometrial echo pattern in the midluteal phase as a potential factor associated with unexplained infertility. *Fertil Steril* 79, 590-593.
- Chegini N, Zhao Y and Williams RS. (1994):*** Human uterine tissue throughout the menstrual cycle expresses transforming growth factor-beta 1 (TGF beta 1), TGF beta 2, TGF beta 3, and TGF beta type II receptor messenger ribonucleic acid and contains (125) TGF beta-1 binding sites. *Endocrinology* 135, 439-449.

- Chong AP, Rafael RW and Forte CC(2005):*** Influence of weight in the induction of ovulation with human menopausal gonadotropin and human chorionic gonadotropins. *Fertil Steril*; 46: 599.
- Clark JH and Markaverich BM (2005):*** The agonistic- antagonistic properties of clomiphene: a review, *Pharmacol Ther*; 15: 467.
- Cohen J, Talansky BE and Malter H. (1991):*** Microsurgical fertilization and teratozoospermia. *Hum: Reprod* 6(1), 118-123.
- Cohen J, Elsner C and Kort H. (1990):*** Impairment of the hatching process following IVF in the human and improvement of implantation by assisting hatching using micromanipulation. *Hum Reprod* 5, 7.
- Cohen J, Howard W and Jones JR (2007):*** In Vitro Fertilization: The first Three decades. *In Vitro Fertilization: Practical approach*, 1-4.
- Coppepman AB, Daya S and Cramer D (2003):*** FSH and HMG for ovarian stimulation with GnRH agonist in assisted reproduction cycles. *Cochrane data base system. Rev*; 1: 355-359.
- Daftary GS and Taylor HS. (2002):*** Hydrosalpinx fluid diminishes endometrial cell HOXA10 expression. *Fertil Steril* 78, 577-580.
- Daly JW, Jacobson KA and Ukena D. (1987):*** Adenosine receptors: development of selective agonists and antagonists. *Prog Clin Biol Res.* 230 (1):41-63.
- Das M; Szabo G; Varadi J; Juhasz B; Bak I and Nesaretam K (2008):*** "Cardioprotection with palm oil tocotrienols: comparision of

different isomers". American journal of physiology. Heart and circulatory physiology 294 (2): 970-8.

Daya S(2001): GnRH agonist protocols for pituitary desensitization in IVF and GIFT cycles. The Cochrance Library; Issue 2.

De Vos A, Van de Velde H and Joris H. (2003): In vitro matured metaphase-I oocytes have a lower fertilization rate but similar embryo quality as mature metaphase-II oocytes after intracytoplasmic sperm injection. Hum Reprod; 14 (7): 1859-1863.

Delanian S, Porcher R and Rudant J (2005): Kinetics of response to long-term treatment compined pentoxifylline and tocopherol in patients with superficial radiation – induced fibrosis. J. Clin. Oncol; 23: 8570-8579.

Delanian S. and Letur-Kornisch H. (2000): Uterine restoration by radiation sequelae regression with combined pentoxifylline-tocopherol: a phase II study. Cancer Radiother., 4, 163.

Dellenbach P.; Nisand I. and Moreau L. (1985): Transvaginal Sonogrphically controlled follicle puncture for oocyte retrieval. Fertil. Steril., 44: 656.

DeLoia SA, Krasnow JS and Brekosky J. (1998): Regional specialisation of the cell membrans associated mucin (MUC-1) in human uterine epithelia. Hum Reprod.13,2902-2909.

Dettach HR, and Aviado DM. (1985): Clinical pharmacology of pentoxifylline with special reference to its hemorrheologic

effect for the treatment of intermittent claudication. Clin Pharmacol:25:8-26.

Devroey P, Silber S and Nagy Z. (1995): Ongoing pregnancies and birth after intracytoplasmic sperm injection with frozen-thawed epididymal spermatozoa. Hum Reprod; 10(4):903-906.

Dickey RP, Olar TT and Taylor SN. (1993): Relationship of endometrial thickness and pattern to fecundity in ovulation induction cycles: effect of clomiphene citrate alone and with human menopausal gonadotropin. Fertil Steril 59,756-760.

Diedrich K, Ludwig M and Feleberboum R (2002): Combination of GnRH antagonist with gonadotropins. Ovulation induction 13: 173-184.

Dimitriadis E, White CA and Jones RL. (2005): Cytokines, chemokines and growth factors in endometrium related to implantation. Hum Reprod Update 11,613-630.

Dominguez F, Galan A and Martin JJ. (2003): Hormonal and embryonic regulation of chemokine receptors CXCR1, CXCR4, CCR5 and CCR2B in the human endometrium and the human blastocyst. Mol Hum Reprod 9, 189-198.

Dor J, Ben-Shlomo I, Levrin D, Rudak E, Yunish M and Mashlach S(2002): The relative success of gonadotropin-releasing hormone analogue, clomiphene citrate, and gonadotropin in 1.099 cycles of in vitro fertilization. Fertil Steril; 58: 986.

Duthie, G G (1989): Antioxidant Status of Smokers and Nonsmokers. Ann. N.Y. Acad. Sci. 570:435-38

Edgar DH(1995): Oestrogen and human implantation. Hum Reprod 10,115-118.

Ejskjaer K, Sorensen BS and Poulsen SS. (2005): Expression of the epidermal growth factor system in human endometrium during the menstrual cycle. Mol Hum Reprod 11, 543-551.

Ely H (1994): Is pentoxifylline the drug of the decade. J Am Acad. Dermatol. 30: 639-642.

Ely H. (1988): Pentoxifylline therapy in dermatology: a review of localized hyperviscosity and Its effect on the skin. Dermatol Clin:6:585-608.

Engel JB, Ludwig M, Fleberaum R and Williams S(2006): Use of cetrolax in combination with ciomephene citrate in ovulation induction suitable approach to friendly IVF, Hum Reprod; 17: n 2022-2026.

Fahy UM, Cahill DJ, Wardle PG and Hull MG(1995): In vitro fertilization in completely natural cycles. Hum. Reprod; 10: 572.

Farhi J, Ariel Weissrnan, Zohar Steinfeld, Michal Shorer, Hana Nahum and David levran (2000): Estradiol Supplementation during the luteal Phase may improve the pregnancy rate in patients undergoing in vitro fertilization - embryo transfer cycles, Fertil. Steril. Vol. 73, No. 4, P. 761.

Fatemi H, Popovici C and Todorvic B. (2007): An update of luteal phase support in stimulated IVF cycle. Hum Reproud 13, 581-590.

Fauser BC, De fong D, Olivennes, F, Wramsby H, Tay C. Itskovitz- Eldor J and van Hooren HG(2002): Endocrine profiles after triggering of final oocyte maturation with GnRH agonist after co treatment with the GnRH antagonist, ganirelex during ovarian hyperstimulation for in vitro fertilization. J Clin Endocrinol Metab; 87: 709.

Felberbaum RE, Albano C, Ludwig M, Riethmuller-Winzen H, Griat M and Devroey P(2000): COH for assisted reproduction with HMG and concomitant midcycle administration of GnRH antagonist cterorelix according to the multiple dose protocol results of a prospective non controlled phse III study. Hum Rerod; 15:1015-1020.

Ferenczy A and Giudice LC (1995): The endometrial cycle: morphologic and biochemical events of reproduction. Endocrinology, Surgery, and Technology. Raven Press, New York , Vol. 1, pp. 171-194.

Fernandes MS, Pierron V and Michalovich D (2005): Regulated expression of putative membrane progesterin receptor homologues in human endometrium and gestational tissues. J Endocrinol 187, 89-101.

Ford WC, Whittington K and Williams AC (1997): Reactive oxygen species in human sperm suspensions: production by leukocytes and the generation of NADPH to protect sperm against their effects. Int J Androl 20,44-49.

- Gambino LS, Wreford NG and Bertram JF. (2002):** Angiogenesis occurs by vessel elongation in proliferative phase human endometrium. *Hum Reprod* 17, 1199-1206.
- Gellersen B and Brosens J (2003):** Cyclic AMP and progesterone receptor cross-talk in human endometrium: a decidualizing affair. *J Endocrinol* 178, 357-372.
- Genbacey OD, Prakobphol A and Foulk RA (2003):** Trophoblast Lselectin-mediated adhesion at the maternal-fetal interface. *Science* 299, 405-408.
- Giess R, Tanasescu I, Steck T and Sendtner M (1999):** Leukaemia inhibitory factor gene mutations in infertile women. *Mol Hum Reprod* 5,581-586.
- Giudice LC (1999):** Potential biochemical markers of uterine receptivity. *Hum Reprod* 14(Suppl), 3-16.
- Graat JM, Schouten EG and Kok FJ (2002):** Effect of daily vitamin E and multivitamin-mineral supplementation on acute respiratory tract infections in elderly persons: a randomized controlled trial. *JAMA*: 288:715-21.
- Graham CH, Lysiak JJ and Lala PK (1998):** Localization of transforming growth factor-beta at the human fetal-maternal interface: role in trophoblast growth and differentiation. *Biol Reprod* 46, 561-572.

- Graham CH, Postovit LM and Park H (2000):*** Role of oxygen in the regulation of trophoblast gene expression and invasion. Placenta 21, 443-50.
- Hardy K, Warner A and Winston RM. (1996):*** Expression of intercellular junctions during preimplantation development of the human embryo. Hum Reprod 2, 621-632.
- Herrera and Barbas C (2001):*** "Vitamin E: action, metabolism and perspectives". Journal of physiology and biochemistry 57 (2): 43-56.
- Hirota Y, Osuga Y and Hirata T. (2005):*** Evidence for the presence of protease-activated receptor 2 and its possible implication in remodeling of human endometrium. J Clin Endocrinol Metab 90,1662-1669.
- Hoozemans DA, Schats R and Lambalk CB (2004):*** Human embryo implantation: current knowledge and clinical implications in assisted reproductive technology. Reprod Biomed Online 9, 692-715.
- Horcajadas JA, Riesewijk A and Dominguez F (2004):*** Determinants of endometrial receptivity. Ann N Y Acad Sci. 1034,166-175.
- Hung AW, White Jo and Lalani EN (2005):*** The endometrium and implantation: A receptive endometrium depends on more than hormonal influences, BMJ, 321: 1301.
- Ingerselv HJ, Van Heusen, Matrizza F and Tan SL(2001):*** The success rate of IVF in natural cycle. Fertil Steril; 23: 243-246.

- Jansen C and Tucker K(2003):*** Microdose GnRH for the stimulation of lower responders. *Art and Science of Assisted Reproductive Techniques*. 12: 73-77.
- Janssens RM, Lambalk CB, Vermeiden JP, Schats R, Bernards JM, Rekers- Momrag LT and Schoemaker J (2005):*** Dose-finding study of triptorelin acetate for prevention of premature LH surge, in LVF: a prospective randomized, double- blind, placebo- controlled study. *Hum Reprod*; 15: 2333.
- Jimenez MF, Passes EP, Fagundes PA, Magalhaes JA, Palma-Dias R and Cunha-Filho JS (2005):*** Subendometrial power Doppler quantification: a classification proposal. *Reprod Biomed Online* 11,232-235.
- Jinno M, Ozaki T, Iwashita M, NakarnuraY, Kudo A and Hir H (2001):*** Measurement of endometrial tissue blood flow: a novel way to assess uterine receptivity for implantation. *Fertil Steri* 176,1168-1174.
- Jokimaa V, Oksjoki S and Kujari H (2002):*** Altered expression of genes involved in the production and degradation of endometrial extracellular matrix in patients with unexplained infertility and recurrent miscarriages. *Mol Hum Reprod* 8, 1111-1116.
- Joshi SG, Rao R and Henriques EE (1986):*** Luteal phase concentrations of a progestagen-associated endometrial protein (PEP) in the serum of cycling women with adequate or inadequate endometrium. *J Clin Endocrinol Metab* 63, 1247-1249.
- Kang J, Chapdelaine P, Parent J, Madore E, Laberge PY and Fortier MA (2005):*** Expression of human prostaglandin transporter in

the human endometrium across the menstrual cycle. J Clin Endocrinol Metab 90,2308-2313.

Kano Y, Hirayama K, Orihara M and Shiohara T (1997): Successful treatment of Schamberg's disease with pentoxifylline. J Am Acad Dermatol; 36: 827-30.

Kao LC, Germeyer A, Tulac S, Lobo S, Yang JP, Taylor RN, Osteen K, Lessey BA and Giudice LC (2003): Expression profiling of endometrium from women with endometriosis reveals candidate genes for disease-base implantation failure and infertility. Endocrinolog: Hum Reprod Update 6,28-36.

Karaki R7 Samarraie SS and Younis NA (2002): Blastocyst culture and transfer: a step toward V vitro fertiiti/ation outcome, fertil Sleril ; 77(1): 114-118.

Karancan M, Imani B, Eijkemas MJ, TE Velde ER, Habbema JD and Fauser BC(2002): A monogram to predict the probability of live birth after induction of ovulation with GnRH agonist short protocol. Fertil Steril; 77: 91.

Karancle N, Barbieri RL and Hornstein MD(2005): Assisted reproductive technique IVF success is improved by ovarian stimulation with exogenous gcnadotropins and pituitary suppression with GnRH analogues. Endocr Rcv; 20: 249-252.

Kerin J, Warnes G and Broom T (1985): Ovarian stimulation in relation in vitro fertilization. In : Rolland R, Heienman M J, Hillier SG and Vener H, (Eds.), Gamete quality and fertility regulation. El-sevier science publishers, B.V. Amsterdam, Experta, Medica, 137.

- Kharb S, (2000):*** Vitamine E and C in preeclampsia. Eur. J. Obstet. Gynecol. Reprod. Biol. 93:37-39.
- Kim JJ, Jaffe RC and Fazleabas AT (1999):*** Blastocyst invasion and stromal response in primates. Hum Reprod 14(Suppl 2),45-55.
- Kovacs, P; Matyas, S; Boda, K and Kaali, SG (2003):*** The effect of endometrial thickness on IVF/ICSI outcome. Hum Reprod.;18:2337-2341. 10.
- Kupker W Fleberbaum R and Krapp M. (2006):*** Use of GnRH antagonist and it s impact on IVF practice, Curr Opin Obes Gynecol; 15:250-264.
- Kupker W, Schlegel PN and Al-Hasani S (2000):*** Use of frozen-thawed testicular sperm for intracytoplasmia sperm injection. Fertil steril 73, 453-458.
- Laufer N, Graunfeld L and Garrisi J (1989):*** Infertility a comprehensive text chapter 35. In vitro fertilization, 481-511.
- Lédeé N Bataille, Olivennes F, Lefax JL, Chaouat G, Frudman G, Frudman R, and Delanian S. (2002):*** Compined treatment by pentoxifylline and tocopherol for recipient women with attin endomteriumm eurolled in an oocyte donation programme. Human reproduction. 17 (5), 1299-1253.
- Leerentveld RA Waldimiroff JW and Marc A(2006):*** 24hours echographic profile study on follicular growth prior to laparoscope aspiration of the "Graafian follicle in clomiphene citrate/human chorionic gonadotrophin stimulated cycles. Eur J Obstet Gynecol Reprod Biol 22: 287-291.

- Lefaix JL, Delanian S, Vozenin MC and Leplat, JJ, Tricaud, Y. and Martin, M. (1999):** Striking regression of subcutaneous fibrosis induced by high doses of gamma rays using a combination of pentoxifylline and alpha-tocopherol: an experimental study. In. J. Radiat Oncol. Biol. Phys., 43, 839-847.
- Leroy I D, Acremont MF, Brailly-Tabard S, Frydman R, de Mouzon J and Bouchard P (2005):** A single injection of a gonadotropin-releasing hormone (GnRH) antagonist (Cetrorelix) postpones the luteinizing hormone (LH) surge: further evidence for the role of GnRH during the LH surge. Fertil Steril: 62: 461.
- Lessey BA, Castelbaum AJ and Sun J (1995):** Integrins as markers of uterine receptivity in women with primary unexplained infertility. Fertil Steril 63,535-542.
- Lessey BA, Gui Y and Apparao KB (2002):** Regulated expression of heparin-binding EGF-like growth-factor (HB-EGF) in the human endometrium. A potential during implantation. Mol Reprod Dev 62, 446-455.
- Letur- Kónirsch, H Guis, F and Delaian S (2002):** Uterine restoration by radiation sequelae regression with compined pentoxifylline-tocopherol. Fertility and sterility, 77, 1219:226.
- Li TC, MacKenna A and Roberts R (1993):** The techniques and complications of out-patient uterine washing in the assessment of endometrial function. Hum Repro. 8, 343-343.

- Licht P, Losch A and Dittrich R. (1998):*** Novel insights into human endometrial paracrinology and embryo-maternal communication by intrauterine microdialysis. Hum Reprod Update 4, 532-538.
- Lindhard A, Bentin-Ley U and Ravn V (2002):*** Biochemical evaluation of endometrial function at the time of implantation. Fertil Steril 78, 221-233.
- Ludwig M, Katalinic A, Banz C, Schroder AK, Loning M and Weiss JM(2006):*** Tailoring the GnRH antagonist cetrorelix acetate to individual patients needs in ovarian stimulation for IVF results of a prospective randomized study. Hum Reprod; 17: 2842-5.
- Mackenna A, Li TC and Dalton C (1993):*** Placental protein 14 levels in uterine flushing and plasma of women with unexplained infertility. Fertil Steril 59, 577-582.
- Maes M, De Vos N and Pioli R (2000):*** Lower serum vitamin E concentrations in major depression. Another marker of lowered antioxidant defenses in that illness. J Affect Disord; 58:241-6
- Meldrum DR, Wisot A, Hamilton F, Outlay AL, Huynh D and Kempton VV(2005):*** Timing of initiation and dose schedule of leuprolide influence the time course of ovarian suppression. Fertil Steril;, 50: 400.
- Meydani SN (1989):*** Effect of Vitamin E Supplementation on Immune Immune Responsiveness of the Aged. Ann. N.Y. Acad. Sci. 570: 283- 90

Mikolajczyk M, Skrzypczak J, Szymanowski K and Wirstlein P (2003):

The assessment of LIF in uterine flushing-a possible new diagnostic tool in states of impaired fertility. *Reprod Biol* 3, 259-270.

Miller ER Pastor-Barriuso R and Dalai D (2005): Meta-analysis: high-

oosage vitamin E supplementation may increase all-cause mortality. *Ann Intern Med*; 142:37-46.

Miller JH, Weinberg RK, Canino NL, Klein NA and Soules MR (1999):

The pattern of infertility diagnoses in women of advanced reproductive age. *Am. J. Obstet. Gynecol.*, 181(4): 952-6.

Morrish DW, Dakour J and Li H (1998): Functional regulation of human

trophoblast differentiation. *J Repro Immunol* 39,1 79-1 95.

Mote PA, Balleine RL, McGowan EM and Clarke CL (2000):

Heterogeneity of progesterone receptors A and B expression in human endometrial glands and stroma. *Hum Reprod* 15(Suppl 3), 48-56.

Myers ER, Silva S, Barnhart K and Groben PA (2004): Interobserver and

intraobserver variability in the histological dating of the endometrium in fertile and infertile women. *Fertil Steril* 82, 1278-1282.

Nagy Z, Liu J and Janssenswillen C. (1995): Using ejaculated, fresh, and

frozenthawed epididymal and testicular spermatozoa gives rise to comparable results after intracytoplasmic sperm injection. *Fertil Steril* 63, 808-815.

Nagy ZP, Verheyen G and Tournaye H (1997): An improved treatment procedure for testicular biopsy specimens offers more efficient sperm recovery: case series. *Fertil Steril* 68, 376-379.

Narayan R, Kolibianakis E, bougain C, Albano C, Smitz J, Steirtegherm and Devroey P(2004): Effect of ovarian stimulation with rFSH, GnRH-a and human chorionic gonadotrophin on endometrial maturation on the day of oocyte pick-up. *Fertile Steril*; 78: 1075-9.

Nees S, and Schonharting M. (1987): On the role of different blood cell types in the rheological behavior of whole blood. *Clin Hemorheol*;7:417.

Ng EHY, Chan CCW, Tang OS, Yeung WSB and Ho PC (2005): Endometrial and subendometrial blood flow measured by three-dimensional power Doppler ultrasound in patients with small intramural fibroids during in vitro fertilization treatment *Hum Reprod* 20, 501 – 506

Oliveira JB, Baruffi RL and Mauri AL (1997): Endometrial ultrasonography as a predictor of pregnancy in an invitro fertilization programme after ovarian stimulation and gondotrophinreleasing hormone and gonadotrophins *Hum. Repod* 12, 2515-2518.

Packer L (1991): Protective Role of vitamin E in biological systems. *Am. J. Clin. Nutr.* 53:508-555

Packer L and Landvik S (1989): Vitamin E: Introduction to Biochemistry and Health Benefits. *Ann. N.Y. Acad. Sci.*570: 1-6

Padilla SL, Smith RD and Garcia JE(2005): The use of leuprolide acetate in ovarian stimulation for in vitro fertilization. *Fertil Steril*; 56:79-83.

Palermo G, Joris H and Derde MP (1993): Sperm characteristics and outcome of human assisted fertilization by subzonal insemination and intracytoplasmic sperm injection. *Fertil Steril* 59, 826-835.

Palermo G, Joris H and Devroey P. (1992): Induction of acrosome reaction in human spermatozoa used for subzonal insemination. *Hum Reprod* 7,248-254.

Parsanezhad ME, Alborzi S, Motazedian S and Omrani G (2002): Use of dexamethasone and clomiphene citrate in the treatment of clomiphene citrate-resistant patients with polycystic ovary syndrome and normal dehydropiandrosterone sulfate levels: a prospective, double-blind, Placebo-controlled trial. *Fertil Steril* ; 78: 1001.

Pattinson HA, Mortimer D and Mortimer ST (1993): The new Reproductive Technologies. In Copeland LJ (ed.). *Textbook of Gynecology*, WB Saunders Company.

Paulson RJ and Thornton MH (1997): In Vitro Fertilization and Related Assisted Reproductive Technologies. In : Rogerio A, Lobo, Daniel R, Mishell Jr, Richard J, Paulson, Donna Shoupe (eds.). *Infertility, Contraception and Reproductive Endocrinology*, Blackwell Science.

Peter RB(2006): Super ovulation for assisted conception. In *Textbook of IVF and Assisted Reproduction*. The Bourn guide to clinical

and laboratory practice (1st edition). Taylor and Francis (eds) in United Kingdom; pp; 153-160.

Peters-Golden M, Canetti C, Manfuso P and Coffey M(2005): Leukotrienes underappreciated mediators innate immuneresponses. J. Immunol. 174 (2): 589-94. PMID. 1553473.

Picketing SJ, Johnson MH and Braude PR (1998): Cytoskeletal organization in fresh, aged and spontaneously activated human oocytes. Hum Reprod 3, 978-989.

Polidori MC, Mecocci P and Stahl W (2000): Plasma levels of lipophilic antioxidants in very old patients with type 2 diabetes. Diabetes Metab Res Rev; 16:15-9.

Popovici RM, Krause MS and Germeyer A (2005): Galectin-9: a new endometrial epithelial marker for the mid- and late secretory and decidual phases in humans. Clin Endocrinol Metab 90, 6170-6176.

Porsche E and Stefanovich V (1978): The influence of pentoxifylline on ATPase activity of human erythrocyte membranes. IRCS J Med Sci., 6: 285.

Print C, Valtola R and Evans A (2004): Soluble factor from human endometrium promote angiogenesis and regulate the endothelial cell transcription. Hum Reprod 19; 2356-2366.

Punyadeera C, Dassen H, Klomp J. (2005): Oestrogen-modulated gene expression in the human endometrium. Cell Mol Life Sci 62, 239-250.

- Rabe T, Diedrich K, Eberhardt I, and Kupker, W (1997):*** In vitro fertilization. In T rabe K Diedrich B, Runnebaum (eds.) Manual on Assisted Reproduction. Springer Verlag. Berlin-Heidelberg
- Raga F, Bonilla-Muso F and Casan EM (1999):*** Assessment of endometrial volume by three-dimensional ultrasound prior to embryo transfer: clues to endometrial receptivity. Hum Reprod 14, 2851-2854.
- Rainee-Penning NJ, Campbell BK, Kendali NR, Clewys JS and Johnson IR (2004):*** Quantifying the changes in endometrial vascularity throughout the normal menstrual cycle with three-dimensional power doppler angiography. Hum Reprod 19, 330-338.
- Rets FM, Lhullier C and Spritzer PM (2005):*** In vivo assessment of the regulation of transforming growth factor alpha, epidermal growth factor (EGF), and EGF receptor in the human endometrium by medroxyprogesterone acetate. J Assist Reprod Genet 22, 19-24.
- Reissmann T, Felberbaum R and Diedrich K (2004):*** Development and application of GnRH antagonist in the treatment of infertility. Hum Reprod : 10: 1974-1981.
- Riesewijk A, Martin J and van Os R. (2003):*** Gene expression profiling of human endometrial receptivity on days LH-2 versus LH-7 by microarray technology. Mol Hum Reprod 9, 253-264.
- Robertson JM (1989):*** Vitamin E Intake and Risk of Cataracts in Humans. Ann. N.Y. Acad. Sci. 570: 372-82

- Ron EL-R, Chillik CF, Itskovitz J, Hann DW, McGuine JL and Hogen GD (2005):** Characterizing pituitary response to a GnRH agonist in monkeys: tonic FSH/LH secretion versus acute GnRH challenge tests before, during and after treatment. *Fertil Steril*; 48: 480-485.
- Samlaska CP, and Winfield EA (1994):** Pentoxifylline. *J. Am. Acad. Dermatol.*, 30, 603-621.
- Acharya S, Yasmin E, Adam O, and Balen H (2009):** The use of a combination of pentoxifylline and tocopherol in women with a thin endometrium undergoing assisted conception therapies a report of 20 cases. *Informa Healthcare – Human fertility* 12, 198-203.
- Sen C, Khanna S and Roy S (2007):** "Tocotrienols in health and disease: the other half of the natural vitamin E family" *Molecular Aspects of Medicine* 28 (5-6): 692.
- Senturk LM and Erel CT (2008):** Thin endometrium in assisted reproductive technology. *Curr Opin Obstet Gynecol*; 20:221-228.
- Shute and Evan (1959):** The Current Status of Alpha Tocopherol in Cardiovascular Disease. In *Vitamin E - Your Key to a Healthy Heart* by Herbert Bailey. ARC Books, New York, NY
- Silber SJ, Van Steirteghem AC and Liu J (1995):** High fertilization and pregnancy rate after intracytoplasmic sperm injection with spermatozoa obtained from testicular biopsy. *Hum Reprod* 10,148-152.

- Simon C, and Martin JC (2000):*** Paracrine regulators of implantation
Baillieres Best Pract Res Clinical Obs. Gyn 14,815-826.
- Skrha J, Sindelka G, Kvasnicka J and Hilgertova J (1999):*** Insulin action
and fibrinolysis influenced by vitamin E in obese type 2
diabetes mellitus. Diabetes Res Clin Pract, 44:27-33.
- Slayden OD and Brenner RM (2004):*** Hormonal regulation and
localization of estrogen, progestin and androgen receptors in
the endometrium of nonhuman primates: effects of
progesterone receptor antagonists. Arc Histol Cytol 67, 393-
09.
- Smith RV, Waller ES, Doluisio JT, Bauza MT, Puri SK, Ho I and
Tassman HB (1986):*** Pharmacokinetics of orally administered
pentoxifylline in humans. J Pharm Sci: 75:47-52.
- Smith SK. (2001):*** Angiogenesis and reproduction. Br J Obstet Gynaecol
108, 777-783.
- Soderlund B and Lundin K (2000):*** The use of silane-coated silica
particles for density gradient centrifugation in vitro
fertilization. Hum Reprod 15, 857-860.
- Speroff L, Glass RH and Kase NG (1994):*** Clinical gynecologic-
endocrinology and infertility, Fifth edition in Vitro
fertilization, 31:931-946.
- Staessen C and Van Steirteghem AC (1997):*** The chromosomal
constitution of embryos developing from abnormally fertilized
oocytes after intracytoplasmic sperm injection and
conventional in vitro fertilization. Hum Reprod 12, 321-327.

- Staessen C, Nagy ZP and Liu J (1995):*** One year experience with elective transfer of two good quality embryos in the human in vitro fertilization and intracytoplasmic sperm injection programmes. Hum Reprod; 10,3305-3312.
- Stark, J.M. (2001):*** Inadequate reducing systems in preeclampsia a complementary role for vitamins C and E with thioredoxin-related activities. BJOG. 108, 339-343.
- Stavreus-Evers A, Aghajanova L and Brismar H (2002):*** Co-existence of heparin-binding epidermal growth factor- like growth factor and pinopodes in human endometrium at the time of implantation. Mol Hum Reprod 8, 765-769.
- Stavreus-Evers A, Nikas G and Sahlin L (2001):*** Formation of pinopodes in human endometrium is associated with the concentrations of progesterone and progesterone receptors. Fertil Steril 76,782-791.
- Surry ER, Schoolcraft WB and Kligman I (2004):*** Mini dose GnRH agonist versus conventional protocol in treatment of poor responder,Fertil Steril ; 73: 667-676.
- Takeuchi H, Itoh S and Fukuda M. (1991):*** Comparison of transvaginal sonographic appearance and endometrial histology. Nippon Sanka Fujinka Gakkai Zasshi 43, 266-272.
- Tan SL, Del Gadillo JC, Siebzehnjnruhl E, Diedrch R. Wildt L and Lang N(2005):*** Comparison of GnRH agonists and antagonists in unselected IVF/ICSI patients treated with different COH protocols: a matched study. Eur J Obstet Gynecol Repro Biol; 102: 179-83.

- Tarlatzis BC and Grimbizis G (2002):*** GnRH-agonist. In: Ovulation induction; 12: 157- 170.
- Tournaye H, Liu J and Nagy Z (1997):*** The use of testicular sperm for intracytoplasmic sperm injection in patients with necrozoospermia. Fertil Steril 66: 331-334.
- Tournaye H, Clasen K and Aytoz A (1998):*** Fine needle aspiration versus open biopsy for testicular sperm recovery: a controlled study in azoospermic patients with normal spermatogenesis. Hum Reprod 13, 901-904.
- Traber and Atkinson J (2007):*** Vitamine E, antioxidant and nothing more. Free radical biology and medicine 43: (1): 4-15.
- Traber MG, Shils ME, Olsen JA, Shike M and Ross AC (1999):*** Vitamin E In: Modern Nutrition in Health and Disease. Baltimore: Williams & Wilkins, 347-62.
- Tseng L and Mazella J (1999):*** Prolactin and its receptor in human endometrium. Semin Reprod Endocrinol 17, 23-31.
- Turnbull LW, Lesny P and Killick SR (1995):*** Assessment of uterine receptivity prior to embryo transfer: a review of currently available imaging modalities. Hum Reprod Update 1, 505-514.
- Uegaki K, Kanamori Y and Kigawa J (2005):*** PTEN is involved in the signal transduction pathway of contact inhibition in endometrial cells. Cell Tissue Res 8, 1-6.
- Van de Velde H, De Vos A and Joris H. (1998):*** Effect of timing of oocyte denudation and micro-injection on survival,

fertilization and embryo quality after intracytoplasmic sperm injection. Hum Reprod; 13 (11): 3160-3164.

Van de Weijer BH, Mulders JW, Boss ES Verhaert PD and van den Hooven HW(2003): Compositional analyses of human menopausal gonadotrophin preparation extracted from urine (menotropin). Identification of some of its major impurities. Reprod Biomed Online: 7: 547.

Van der Gaast MH, Beier-Hellwig K and Fauser BC (2003): Endometrial secretion aspiration prior to embryo transfer does not reduce implantation rates. Reprod Biomed Online 7,105-109.

Van Furth AM, Verhard and Seijmonsbergen EM. (1997): Effect of lisofylline and pentoxifyline on the bacterial-stimulated production of TNF-alpha, IL-1 beta IL-10 by human leucocytes. Immunology: 91:193-6.

Von Wolff M, Beier-Hellwig K and Beier HM (1998): Elektrophoretische Analyse humaner Uterussekretproteine: ein neuer Weg zur Funktionsdiagnostik des Endometriums. Fertile steril 58,297-304.

Von Wolff M, Ursel S and Hahn U (2003): Glucose transporter proteins (GLUT) in human endometrium: expression, regulation, and function throughout the menstrual cycle and in early pregnancy. J Clin Endocrinol Metab 88, 3885-3892.

Wang PT and Nixon BR(2002): Identification of hydrogen peroxide as photo product toxic to human cells in tissue culture medium irradiate with "day light" fluorescent light. In vitro; 14: 715-722.

- Ward A and Clissold SP (1987):** Pentoxifylline: a review of its pharmacodynamic and pharmacokinetic properties, and its therapeutic efficacy. *Drugs*; 34:50-97.
- Weckstein L.N., Jacobson A., Galen D., Hampton K and Hammel J (1997):** Low-dose aspirin for oocyte donation recipients with a thin endometrium. "prospective randomized study". *Fertil Steril*, 68, 927-930.
- Weissman A, Gotlieb L and Casper RF (1999):** The detrimental effect of increased endometrial thickness on implantation and pregnancy rates and outcome in an in vitro fertilization program. *Fertil Steril.*;71:147-149.
- Wikland M(2003):** Vaginal ultrasound in assisted reproduction. *Biollieres Clin Obstet Gynaicol*; 6: 283-296.
- Williams RF and Hodgen GD (1980):** Disparate effects of human chorionic gonadotropin (HCG) during the late follicular phase in monkeys: Normal ovulation. follicular atresia. Ovarian a cyclicity and hypersecretion of follicle stimulating hormone (F.S.H). *Fertil. Steril.*, 33: 64.
- Wood S, Thomas K and Schnauffer K (2002):** Reproductive potential of fresh and cryopreserved epididymal and testicular spermatozoa in consecutive intracytoplasmic sperm injection cycles in the same patients. *Fertil Steril* 77, 1162-1166.
- Yang J H Chen CD, Jiang MC and Yang YS (1999):** Association of endometrial blood flow as determined by a modified colour Doppler technique with subsequent outcome of in vitro fertilization. *Hum Reprod*; 14: 1606-1610.

Zhang X, Sharma RK, Agarwal and Falcone T (2004): Antioxidant effect of pentoxifylline in reducing oxidative stress inclined embryotoxicity. *Fertil and Steril*; 82: 324-325.

Zhang X, Chen CH and Confine E (2005): Increased endometrial thickness is associated with improved treatment outcome for selected patients undergoing in vitro fertilization-embryo transfer. *Fertil Steril* 83, 336-340.

Zoler ML (2003): Supplemental vitamin E linked to heart failure. *Fam Pract I News (Vol 1)*:28.

Zollner U, Zollner KP, Biissing S, Pohls L, Steck T, Dietl J, and Muller T (2003): Impact of endometrial volume by three dimensional ultrasound prior to embryo transfer: Clues to endometrial receptivity. *Hum Reptod*: 125: 136-141.