



References

- **Aboulghar MA, Mansour RT, Serour GI, et al.** Diagnosis and management of unexplained infertility: an update. *Arch Gynecol Obstet* 2003; 267(4):177–188.
- **Abrari A and Aziz M.** Semen analysis profile in male infertility: an experience with 100 cases. *Indian J Pathol Microbiol* 2003; 46(1):44-6.
- **Adali E, Kolusari A, Adali F, et al.** Doppler analysis of uterine perfusion and ovarian stromal blood flow in polycystic ovary syndrome. *Int J Gynaecol Obstet.* 2009; 105(2):154-7.
- **Adamson GD and Baker VL.** Subfertility: causes, treatment and outcome. *Best Pract Res Clin Obstet Gynecol.* 2003; 17:169–185.
- **Akande VA, Hunt LP, Cahill DJ, et al.** Differences in time to natural conception between women with unexplained infertility and infertile women with minor endometriosis. *Hum Reprod* 2004; 19(1): 96-103.
- **Alabama B.** Effectiveness and treatment for unexplained infertility. *Fertility and Sterility* 2006; 86:4.
- **Alcázar JL.** Three dimensional ultrasound assessment of endometrial receptivity: a review. *Reprod Biol Endocrinol* 2006; 4: 56.
- **Amso NN, Watermeyer SR, Pugh N, et al.** Quantification of power Doppler energy and its future potential. *Fertil Steril* 2001; 76: 583-587.



References

- **Baba K Takeuchi H, Baba K, IO Y (eds).** Basis and principles of three-dimensional ultrasound in obstetrics and gynecology. Tokyo, Japan. 2004; 12-29.
- **Balen A and Jacobs H.** infertility Background, diagnosis and counseling. In Balen A, Jacobs H, eds. Infertility in practice. UK: Elsevier Science Publishing 2003; 03-129.
- **Barnhart K and Christos Coutifaris.** The use of ultrasound in the evaluation and treatment of the infertile women. Ultrasound in Obstet. and Gynecol 2000; 69-81.
- **Basir GS, Lam TP, Chau MT, et al.** Colour Doppler analysis of peri-implantation utero-ovarian haemodynamics in women with excessively high oestradiol concentrations after ovarian stimulation. Hum Reprod 2001; 16: 2114–2117.
- **Battaglia C, Mancini F, Cianciosi A, et al.** Cardiovascular risk in normal weight, eumenorrheic, nonhirsute daughters of patients with polycystic ovary syndrome: a pilot study. Fertil Steril. 2009; 92(1):240-9.
- **Boomsma CM and Macklon NS.** Does glucocorticoid therapy in the peri-implantation period have an impact on IVF outcomes? Curr Opin Obstet Gynecol 2008; 20(3):249-56.
- **Brown SE, Coddington CC, Schnorr J, et al.** Evaluation of outpatient hysteroscopy, saline infusion hysterosonography, and hysterosalpinography in infertile women: a prospective, randomized study. Fertil Steril 2000; 74:1029–1034.



References

- **Bourgain C and Devroey P.** The endometrium in stimulated cycles for IVF. Hum Reprod Update 2003; 9:515-522.
- **Cahill DJ and Wardle PG:** Management of infertility. British Medical Journal, 2002; 325:28-32.
- **Casa A, Sesti F, Marziali M, et al.** Transvaginal hydrolaparoscopy vs. conventional laparoscopy for evaluating unexplained primary infertility in women. J Reprod Med 2002; 47(8):617-20.
- **Cedars MI.** Polycystic ovary syndrome: what is it and how should we treat it? J Pediatr 2004; 144(1):4-6.
- **Chaudhury K, Das T, Chakravarty B, et al:** Acrosin activity as a potential marker for sperm membrane characteristics in unexplained male infertility. Fertil Steril 2005; 83(1):104-9.
- **Chien LW, Au HK, Chen PL, et al.** Assessment of uterine receptivity by the endometrial–subendometrial blood flow distribution pattern in women undergoing in vitro fertilization–embryo transfer. Fertil Steril 2002; 78: 245–251.
- **Collins J.** Stimulated intra-uterine insemination is not a natural choice for the treatment of unexplained subfertility. Current best evidence for the advanced treatment of unexplained subfertility. Hum Reprod. 2003; 18(5):907-12.



References

- **Coveney D, Cool J, Oliver T, et al.** Four-dimensional analysis of vascularization during primary development of an organ, the gonad. *Proc Natl Acad Sci USA* 2008; 105(20): 7212–17.
- **Coveney D, Cool J, Oliver T, et al.** Four-dimensional analysis of vascularization during primary development of an organ, the gonad. *Proc Natl Acad Sci USA* 2008; 105(20): 7212–17.
- **Croignani PG, Rubin BL.** Optimal use of infertility diagnostic tests and treatments. The ESHRE Capri Workshop Group. *Hum Reprod.* 2000; 15(3):723-32.
- **Custers IM, König TE, Broekmans FJ, et al.** Couples with unexplained subfertility and unfavorable prognosis: a randomized pilot trial comparing the effectiveness of in vitro fertilization with elective single embryo transfer versus intrauterine insemination with controlled ovarian stimulation. *Fertil Steril.* 2011; 96(5):1107-11.
- **D.A.hoozemans, R. schats, N. B. lambalk, et al.** Serial uterine artery Doppler velocity parameters and human uterine receptivity in IVF/ICSI cycles. *Ultrasound Obstet Gynecol* 2008; 31: 432–438
- **Dada T, Salha O, Allgar V, et al.** Utero-ovarian blood flow characteristics of pituitary desensitization. *Hum Reprod.* 2001; 16(8):1663-70.
- **De Boer EJ, den Tonkelaar I, Burger CW, et al.** Validity of self-reported causes of subfertility. *Am J Epidemiol.* 2005; 161:978–986.



References

- **Dechaud H, Ali Ahmed SA, Aligier N, et al.** (Does transvaginal hydrolaparoscopy render standard diagnostic laparoscopy obsolete for unexplained infertility investigation? *Eur J Obstet Gynecol Reprod Biol.* 2001; 94(1):97-102.
- **De Kroon CD, de Bock GH, Dieben SW, et al.** Saline contrast hysterosonography in abnormal uterine bleeding: a systematic review and meta-analysis. *BJOG* 2003; 110:938-47.
- **Demir B, Guven S, Guven ESG, et al.** Serum leptin level in women with unexplained infertility. *Journal of Reproductive Immunology* 2007; 75: 145–149.
- **Duckitt K:** Infertility and sub fertility *Clinical Evidence* 2002; 7:1679-1704.
- **Duggan MA, Brashert P, Ostor A, et al.** The accuracy and interobserver reproducibility of endometrial dating. 2001; 33(3):292-7.
- **Edi-Osagie EC, Seif MW, Aplin JD, et al.** Characterizing the endometrium in unexplained and tubal factor infertility: a multiparametric investigation. *Fertil Steril*; 2004;82 (5):1379–1389.
- **El-Toukhy TA, Khalaf Y.** Treatment of unexplained infertility. *BMJ* 2008; 337:772.
- **Eijkemans MJ, Lintsen AM, Hunault CC, et al.** Pregnancy chances on an IVF/ICSI waiting list: a national prospective cohort study. *Hum Reprod* 2008; 23:1627-1632.



References

- **Erdem M, Erdem A, Guler I, et al.** Role of antral follicle count in controlled ovarian hyperstimulation and intrauterine insemination cycles in patients with unexplained subfertility. *Fertil Steril* 2008; 90(2):360-6.
- **Estensen ME, Grindheim G, Remme EW, et al.** Systemic Arterial Response and Ventriculo-Arterial Interaction during Normal Pregnancy. 2012; 10:10-38
- **Fanchin R, Ayoubi JM, Righini C, et al.:** Uterine contractility decreases at the time of blastocyst transfer. *Hum Reprod.* 2001; 16: 115.
- **Fleischer AC and Andretti RF.** Color Doppler sonography in obstetrics and gynecology. *Med Devices*, 2005; (5):606-611.
- **Fleischer AC, Donnelly EF, Campbell MG, et al.** Three-dimensional color Doppler sonography before and after fibroid embolization. *J Ultrasound Med.* 2000 Oct; 19(10):701-5.
- **Fleischer AC and Shappell HW.** Color Doppler sonohysterography of endometrial polyps and submucosal fibroids. *J Ultrasound Med.* 2003; 22(6):601-4.
- **Garcia-Velasco JA, Isaza V, Caligara C, et al.** Factors that determine discordant outcome from shared oocytes. *Fertil Steril* 2003; 80: 54–60.
- **Giojalas LC, Iribarren P, Molina R, et al.** Determination of human sperm calcium uptake mediated by progesterone may be useful for evaluating unexplained sterility. *Fertil Steril* 2004; 82(3):738-40.



References

- **Glazener, CM, Ford WC, et al.** The prognostic power of the post-coital test for natural conception depends on duration of infertility. *Hum Reprod* 2000; 15, 1953-1957.
- **Gnoth C, Godehardt E, Frank-Herrmann P, et al.** Definition and prevalence of subfertility and infertility. *Hum Reprod* 2005; 20, 1144–1147.
- **Goldkrand JW, Moore DH, Lentz SU, et al.** Volumetric flow in the umbilical artery: normative data. 2000; 9(4):224-8.
- **Goswamy RK, Williams G, and Steptoe PC.** Decreased uterine perfusion- a cause of infertility. *Hum Reprod* 1988; 3:955–959.
- **Götting C, Kuhn J, Brinkmann T, et al:** Xylosyltransferase activity in seminal plasma of infertile men. *Clin Chim Acta* 2002; 317(12):199-202.
- **Guerriero S, Ajossa S, Melis G.** Luteal dynamics during the human menstrual cycle: new insight from imaging. *Ultrasound Obstet Gynecol* 2005; 25(5): 425–7.
- **Haddad FH, Omari AA, Malkawi OM, et al.** Patterns of testicular cytology in men with primary infertility: any change since the Gulf War? *Acta Cytol* 2004; 48(6):807-12.
- **Hart R:** Unexplained infertility, endometriosis, and fibroids. *BMJ* (2003); 327,721-724.
- **Hata K and Miyazaki K.** Color Doppler imaging and angiogenesis in ovarian tumors. *Med Electron Microsc.* 2003; 36(3):127-30.



References

- **Hata T, Tanaka H, Noguchi J, et al.** Three-dimensional ultrasound evaluation of the placenta. 2011; 32(2):105-15.
- **Helmerhorst FM, van Vliet HA, Gornas T, et al.** Intrauterine insemination versus timed intercourse for cervical hostility in subfertile couples. *Obstet Gynecol Surv* 2006; 61(6):402-14.
- **Ho CH, Chen SU, Peng FS, et al.** Luteal support for IVF/ICSI cycles with Crinone 8% (90 mg) twice daily results in higher pregnancy rates than with intramuscular progesterone. *J Chin Med Assoc.* 2008; 71(8):386-91.
- **Huang CC, Lee PY, Chen PY, et al.** Design and implementation of a smartphone-based portable ultrasound pulsed-wave Doppler device for blood flow measurement. *IEEE Trans Ultrason Ferroelectr Freq Control.* 2012;59(1):182-8
- **Isaksson R and Tiitinen A.** Present concept of unexplained infertility. *Gynecol. Endocrinol.* 2004; 18:278-290.
- **Jacobes TZ, Barlom DH, Gerry R, et al.** laparoscopic surgery for pelvic pain associated with endometriosis. *Cochrane data base of systematic reviews.* In *Cochrane library Issue* 2003. 2. 1469-1493.
- **Jadaon JE, Ben-Ami M, Haddad S, et al.** Prospective evaluation of early follicular ovarian stromal blood flow in infertile women undergoing IVF-ET treatment. *Gynecol Endocrinol.* 2012.



References

- **Jarvela IY, Sladkevicius P, Kelly S, et al.** Evaluation of endometrial receptivity during in-vitro fertilization using three-dimensional power Doppler ultrasound. *Ultrasound Obstet Gynecol* 2005; 26: 765–76.
- **Jayaprakasan K, Hopkisson JF, Campbell BK, et al.** Quantification of the effect of pituitary down-regulation on 3D ultrasound predictors of ovarian response. *Hum Reprod.* 2008; 23(7):1538-44.
- **Jequier AM.** Is quality assurance in semen analysis still really necessary? A clinician's viewpoint. *Human Reproduction* 2005; 20(8):2039–2042.
- **Jinno M, Ozaki T, Iwashita M, et al.** Measurement of endometrial tissue blood flow: a novel way to assess uterine receptivity for implantation. *Fertil Steril* 2001; 76, 1168–1174.
- **Johnson NP.** A review of the use of lipiodol flushing for unexplained infertility. *Treat Endocrinol* 2005; 4(4):233-43.
- **Jokubkiene L, Sladkevicius P, Rovas L, et al:** Assessment of changes in volume and vascularity of the ovaries during the normal menstrual cycle using three-dimensional power Doppler ultrasound. *Hum Reprod;* 2006; 21 (10); 2661–2668.
- **Jokubkiene L, Sladkevicius P, Rovas L, et al:** Assessment of changes in endometrial and subendometrial volume and vascularity during the normal menstrual cycle using three-dimensional power Doppler ultrasound. *Ultrasound Obstet Gynecol* 2006; 27: 672–9.



References

- **Jónsdóttir K and Lundorff P.** Transvaginal hydrolaparoscopy: a new diagnostic tool in infertility investigation. *Acta Obstet Gynecol Scand* 2002; 81(9):882-5.
- **Jose-Miller AB, Boyden JW, Frey KA.** Infertility. *Am Fam Physician* 2007; 75(6):849-56.
- **Jun-jun Qiu , Ying-lei Liu , Man-hua Liu,et al .** Ovarian interstitial blood flow changes assessed by transvaginal colour Doppler sonography: predicting ovarian endometrioid cyst-induced injury to ovarian interstitial vessels. *Arch Gynecol Obstet* 2012; 285:427–433.
- **Kallen CB and Arici A.** Immune testing in fertility practice: truth or deception? *Curr Op Obst Gynecol* 2003; 15:225–231.
- **Kaya H, Karci M, Ozkaya O, et al.** Relationship between the timing of hysterosalpinography before gamete intrafallopian transfer and the subsequent fertility outcome. *J Obstet Gynaecol Res* 2004; 30(6):448-53.
- **Kelly SM, Sladkevicius P, Campbell S. et al:** Investigation of the infertile couple: a one – step ultrasound based approach. *Hum Reprod* 2001; 16; 2481-4.
- **Kilic S, Hatipoglu T, Erdogan D, et al.** Impact of high levels of progesterone on alpha(1)-integrin distribution in the endometrium of patients with unexplained infertility. *Acta Histochem* 2008; 110(5):363-70.



References

- **Kupesic S:** Three -dimensional ultrasound in reproductive medicine. *Ultrasound Rev Obstet Gynecol* 2005; 5: 304–15.
- **Kupesic S, Bekavac I, Bjelos D, et al.** Assessment of endometrial receptivity by transvaginal color Doppler and three dimension power Doppler ultrasonography in patients undergoing in vitro fertilization procedures. *J Ultrasound Med* 2001; 20: 125–34.
- **Kupesic S, Kurjak A, Bjelos D, et al.** Three-dimensional Ultrasonographic ovarian measurements and in vitro fertilization outcome are related to age. *Fertil Steril* 2003; 79: 190–7.
- **Kurjak A., Kupesic S., Schulman H et al.** Transvaginal color flow Doppler in the assessment of ovarian and uterine blood flow in infertile women. *Fertil. Steril* 1991; 56 (6): 870-873.
- **L. W. chien, W. S. lee, H. K. au, et al.** Assessment of changes in utero-ovarian arterial impedance during the peri-implantation period by Doppler sonography in women undergoing assisted reproduction. *Ultrasound Obstet Gynecol* 2004; 23: 496–500.
- **Lam PM, Raine-fenning N:** The role of three-dimensional ultrasonography in polycystic ovary syndrome. *Hum Reprod* .2006; 21(9):2209-2215.
- **Lee R, Goldstein M, Ullery BW, et al.** Value of serum antisperm antibodies in diagnosing obstructive azoospermia. *J Urol* 2009; 181(1):264-9.



References

- **Lewis SEM.** Is sperm evaluation useful in predicting human fertility? *Reproduction* 2007; 134, 31–40.
- **Li JC, Cai S, Jiang YX, et al.** Diagnostic criteria for locating acquired arteriovenous fistulas with color Doppler sonography. *J Clin Ultrasound*. 2002; 30(6):336-42.
- **Lilić V, Tubić-Pavlović A, Radović-Janosević D, et al.** [Assessment of endometrial receptivity by color Doppler and ultrasound imaging] *Med Pregl* 2007;60(5-6):237-40.
- **Lina Wang, Jie Qiao, Rong Li, et al.** Role of endometrial blood flow assessment with color Doppler energy in predicting pregnancy outcome of IVF-ET cycles. *Reproductive Biology and Endocrinology* 2010, 8:122.
- **Lindhard A, Ravn V, Bentin- Ley U, et al.** Ultrasound characteristics and histological dating of the endometrium in a natural cycle in infertile women compared with fertile controls. *Fertil Steril* 2006; 86: 1344–55.
- **Lorusso F, Ceci O, Bettocchi S, et al.** Office hysteroscopy in an in vitro fertilization program. *Gynecol Endocrinol* 2008; 24(8):465-9.
- **Maheshwari A, Fowler P, Bhattacharya S:** Assessment of ovarian reserve. Should we perform tests of ovarian reserve routinely? *Hum Reprod* 2006; 21:2729–2735.
- **Maheshwari A, Hamilton M, Bhattacharya S.** Effect of female age on the diagnostic categories of infertility. *Hum Reprod* 2008; 23(3):538-42.



References

- **Mehroo H, Sadhana D and Mandakini P.** Current concept in treating endometriosis. *Advanced Infertility Management* 2002; Ch. 8: 72.
- **Meneaglia L.** Role of diagnostic and operative endoscopy in the management of infertility utilizing assisted reproduction techniques. *Egypt J Fertil Steril* 2001; 5(2): 156-159.
- **Meng-Hsing Wu, Hsien-An Pan, Fong-Ming Chang.** Three dimensional and power Doppler ultrasonography in infertility and reproductive endocrinology. [*Taiwan J Obstet Gynecol* 2007; 46(3):209–214].
- **Merce LT, Barco MJ, Bau S Troyano JM.** Prediction of ovarian response and IVF/ ICSI outcome by three dimensional ultrasonography and power Doppler angiography. *Eur J Obstet Gynecol Reprod Biol* 2007; 132: 93–100.
- **Mercé LT, Barco MJ, and Bau S, et al.** Are endometrial parameters by three dimensional ultrasound and power Doppler angiography related to in vitro fertilization/embryo transfer outcome? *Fertil Steril* 2008; 89: 111–17.
- **Merviel P, Mergu JL, Sananes S, et al.** Place de l’hystéroscopie dans le diagnostic et le traitement de l’infertilité. *Presse Med* 2000; 29:1302–1310.
- **Moore ML, Liu GY, Cohen M, et al.** Transvaginal hydrolaparoscopy. *J Am Assoc Gynecol Laparosc.* 2002; 9(3):389-93.



References

- **Muniz CJ, Fleischer AC, Donnelly EF, et al.** Three-dimensional color Doppler sonography and uterine artery arteriography of fibroids: assessment of changes in vascularity before and after embolization. *J Ultrasound Med.* 2002; 21(2):129-33.
- **Nakai A, Oya A, Koshino T, et al.** Changes in uterine and ovarian arterial impedance during the periovulatory period in conception and nonconception cycles. *J Obstet Gynaecol Res.* (2000) ; 26(6):435-40.
- **Nakai A, Yokota A, Koshino T, et al.** Assessment of endometrial perfusion with Doppler ultrasound in spontaneous and stimulated menstrual cycles. *J Nippon Med Sch* (2002) ; 69(4):328-32.
- **Napolitano R, Melchiorre K, Arcangeli T, et al.** screening for pre-eclampsia by using changes in uterine artery Doppler indices with advancing gestation. *Prenat Diagn.* 2012; 32(2):180-4.
- **Nargund G.** Time for an ultrasound revolution in reproductive medicine. *Ultrasound Obstet Gynecol* 2002; 20: 107–11.
- **Nielsen MS, Barton SD, Hatasaka HH, et al:** Comparison of several one-step home urinary luteinizing hormone detection test kits to OvumQuick. *Fertil Steril* 2001; 76(2):384-7.
- **Ng EH, Chan CC, Tang OS, et al.** The role of endometrial and subendometrial blood flows measured by three dimensions power Doppler ultrasound in the prediction of pregnancy during IVF treatment. *Hum Reprod* 2006; 21: 1612–7000.



References

- **Ng EH, Chan CC, Tang OS, et al.** Endometrial and subendometrial vascularity is higher in pregnant patients with live birth following ART than in those who suffer a miscarriage Hum Reprod 2007; 22:1134–41.
- **Oei SG, Helmerhorst FM, Keirse MJ.** Routine postcoital testing is unnecessary. Hum Reprod. 2001; 16(5):1051-3.
- **Omland AK, Fedorcsak P, Storeng R, et al.** Natural cycle IVF in unexplained, endometriosis-associated and tubal factor infertility. Human Reproduction 2001; 16(12):2587-2592.
- **Ottander U, Solensten N, Bergh A, et al.** Intraovarian blood flow measured with color Doppler ultrasonography inversely correlates with vascular density in the human corpus luteum of the menstrual cycle. Fertil Steril 2004; 81(1): 154–9.
- **Pacey AA.** Is quality assurance in semen analysis still really necessary? A view from the andrology laboratory Human Reproduction 2006; 21:1105–1109.
- **Pandian Z, Bhattacharya S, Vale L, et al.** In vitro fertilisation for unexplained subfertility. Cochrane Database Syst Rev 2005 ;(2):CD003357. Review.
- **Pan H, Wu M, Cheng Y, et al.** Quantification of ovarian stromal Doppler signals in poor responders undergoing in vitro fertilization with threedimensional power Doppler ultrasonography. Am J Obstet Gynecol 2004; 190: 338-440?



References

- **Pavone ME, Hirshfeld-Cytron JE, Kazer RR.** The progressive simplification of the infertility evaluation. *Obstet Gynecol Surv.* 2011; 66(1):31-41.
- **Pedrosa AC and Matias A.** Screening for pre-eclampsia: a systematic review of tests combining uterine artery Doppler with other markers. *J Perinat Med.* 2011; 39(6):619-35
- **Persinakis K, Damilakis J, Grammatikakis J, et al.** Radiogenic risks from hysterosalpinography. *Eur Radiol* 2003; 13:1522-8.
- **Pierson RA.** Imaging the endometrium: are there predictors of uterine receptivity? *J Obstet Gynecol Can* 2003; 25: 360–8.
- **Polat P, Suma S, Kantarcy M, et al.** Color Doppler US in the evaluation of uterine vascular abnormalities. *Radiographic.* 2002; 22(1):47-53.
- **Polyzos NP, Tzioras S, Mauri D, et al.** Treatment of unexplained infertility with aromatase inhibitors or clomiphene citrate: a systematic review and meta-analysis. *Obstet Gynecol Surv.* 2008; 63(7):472-9.
- **Puerto B, Creus M, Carmona F, et al.** Ultrasonography as a predictor of embryo implantation after in vitro fertilization: a controlled study. *Fertil Steril* 2003; 79: 1015–22.
- **Qiu JJ, Liu YL, Liu MH, et al.** Ovarian interstitial blood flow changes assessed by transvaginal colour Doppler sonography: predicting ovarian



References

endometrioid cyst-induced injury to ovarian interstitial vessels. *Arch Gynecol Obstet*. 2012; 285(2):427-33.

- **Quaas A, and Dokras A.** Diagnosis and Treatment of Unexplained Infertility. *Rev Obstet Gynecol* 2008; 1(2):69-76.
- **Ragni G, Chiaffarino F, Scarduelli C, et al.** The clomiphene citrate challenge test (CCCT) in women with elevated basal FSH: biological significance and predictive value. *Eur J Obstet Gynecol Reprod Biol* 2008; 141(1):44-8.
- **Raine-Fenning NJ, Campbell BK, Kendall NR, et al.** Endometrial and subendometrial perfusions are impaired in women with unexplained subfertility. *Hum Reprod* (2004); 19(11):2605-14.
- **Raine-Fenning NJ, Campbell BK, Clewes JS, et al.** The reliability of virtual organ computer-aided analysis (VOCAL) for the semi-quantification of ovarian, endometrial and subendometrial perfusion. *Ultrasound Obstet Gynecol* (2003b); 22:633–639.
- **Raine-Fenning NJ, Campbell BK, Kendall NR, et al.** quantifying the changes in endometrial vascularity throughout the normal menstrual cycle with three-dimensional power Doppler angiography. *Hum Reprod* 2004; 19: 330–8.
- **Randolph JF:** Unexplained infertility. *Clinical Obstetrics and Gynecology* 2000; 43:897-901.



References

- **Richter KS, Bugge KR, Bromer JG, et al.** Relationship between endometrial thickness and embryo implantation, based on 1,294 cycles of in vitro fertilization with transfer of two blastocyst stage embryos *Fertil Steril* 2007; 87: 53–9.
- **Rogstad K.** Complications in the female and their management. In: Moss T, ed. *International handbook of Chlamydia*, 3rd edn. Haslemere, UK: Alden Press 2008, 111–121.
- **Roma Dalfó A, Ubeda B, Ubeda A, et al.** Diagnostic value of hysterosalpingography in the detection of intrauterine abnormalities: a comparison with hysteroscopy. *AJR Am J Roentgenol.* 2004; 183(5):1405-9.
- **Roma A, Ubeda B, Nin Garaizabal P.** [Hysterosalpinography: how, when, what for?]. *Radiologia.* 2007; 49(1):5-18.
- **Roy KK, Hegde P, Banerjee K, et al.** Fimbrio-ovarian relationship in unexplained infertility. *Gynecol Obstet Invest.* 2005; 60(3):128-32.
- **S. yalti, B. gurbu z, C. ficioglu, et al.** Doppler evaluation of the uterine, intraovarian,stromal and spiral arteries on the day of human chorionic gonadotrophin administration in controlled ovarian hyperstimulation. *Journal of Obstetrics and Gynaecology* (2003) Vol. 23, No. 4, 402–406.
- **Sayani R, Ali M, Shazlee K, et al.** Functional evaluation of the urinary tract by duplex Doppler ultrasonography in patients with acute renal colic.*Int J Nephrol Renovasc Dis.* 2012; 5:15-21.



References

- **Sande RK, Matre K, Eide GE, et al.** Ultrasound safety in early pregnancy: reduced energy setting does not compromise obstetric Doppler measurements. *Ultrasound Obstet Gynecol.* 2012; 39(4):438-43.
- **Scheffer GJ, Broekmans FJ, Bancsi LF, et al.** Quantitative transvaginal two and three dimensional sonography of the ovaries: reproducibility of antral follicle counts. *Ultrasound Obstet Gynecol* 2002; 20:270–5.
- **Schild RL, Holthaus S, d’Alquen J, et al.** Quantitative assessment of subendometrial blood flow by three-dimensional ultrasound is an important predictive factor of implantation in an in-vitro fertilization programme. *Hum Reprod* 2000; 15: 89–94.
- **Shahin AY, Ismail AM, Zahran KM, et al.** Adding phytoestrogens to clomiphene induction in unexplained infertility patients--a randomized trial. *Reprod Biomed Online.* 2008; 16(4):580-8.
- **Sills ES, Alper MM, Walsh AP.** Ovarian reserve screening in infertility: practical applications and theoretical directions for research. *Eur J Obstet Gynecol Reprod Biol.* 2009; 146(1):30-6.
- **Siristatidis C and Bhattacharya S.** Unexplained infertility, does it really exist? Does it matter? *Human Reproduction* 2007; 22(8):2084–2087.
- **Smith SK:** Regulation of angiogenesis in the endometrium. *Endocrinol Metab.* 2001; 12: 147–151.



References

- **Soares S, Troncoso C, Bosch E, et al.** Age and uterine receptiveness: predicting the outcome of oocyte donation cycles. *J Clin Endocrinol Metab* 2005; 90(7): 4399–404.
- **Sobek A Jr, Hammadeh M, Vodicka J, et al.** Ultrasonographically guided transvaginal hydrolaparoscopy. *Acta Obstet Gynecol Scand.* 2008; 87(10):1077-80.
- **Sweeney TE, Bagher P, Bailey J, et al.** Intravascular pressure and diameter profile of the utero-ovarian resistance artery network: estrous cycle-dependent modulation of resistance artery tone. *Am J Physiol Heart Circ Physiol.* 2007; 293(5): 2937-44.
- **Speroff L, Fritz and Marc A.** Clinical gynaecologic endocrinology and infertility. Seventh edition. Lippincott Williams & Wilkins. Philadelphia New York 2005 ;(27):1013-1067.
- **Speroff L, Fritz and Marc A.** Clinical gynaecologic endocrinology and infertility. Eighth edition. Lippincott Williams & Wilkins. Philadelphia New York. 2011 ;(27):11137-1190.
- **Spring DB, Barkan HE.** Enhanced fertility after diagnostic hysterosalpinography may be a myth. (commentary) *AJR* 2004; 183, 1728.
- **Steer CV., Tan S.L., Bridgett A., et al.** Midluteal phase vaginal Doppler assessment of uterine artery impedance in subfertile population. *Fertil Steril.*1994; 61: 52-8.



References

- **Steer CV, Tan SL, Dillon D, et al.** Vaginal color Doppler assessment of uterine artery impedance correlates with Immunohistochemical markers of endometrial receptivity required for the implantation of an embryo. *Fertil Steril* 1995; 63: 101–8.
- **Sun F, Turek P, Greene C, et al:** Abnormal progression through meiosis in men with non obstructive azoospermia. *Fertil Steril* 2007; 87(3), 565-71.
- **Tan S.L., Zaidi J., and Campbell.** Blood flow changes in the ovarian and uterine arteries during the normal menstrual cycle, *Am. J. Obstet. Gynecol.* 1996; 175: 625-651.
- **Tekay A, Martikainen H, Jouppilas P.** Blood flow changes in uterine and ovarian vasculature and predictive value of transvaginal pulsed color Doppler ultrasonography in an in vitro fertilization program. *Hum Reprod* 1995; 10: 688–93.
- **Tinkanen H. and Kujansuu E.C.** the reproducibility of the Doppler ultrasound measurement of uterine artery vascular resistance. *Gynecol Obstet. Invest.* 1995; 39:188-191.
- **Tinkanen H., Kujansuu, and Laippola P.** Vascular resistance in uterine and ovarian arteries: its association with infertility and Prognosis of infertility. *Eur. J Obstet. Gynecol. Reprod. Biol.* 1994; 57:111 – 115.
- **The ESHRE Capri Workshop Group.** Diagnosis and management of the infertile couple: missing information. *Hum Reprod Update* 2004; 10:295–307.



References

- **The Practice Committee of the American Society for Reproductive Medicine.** Aging and infertility in women. *Fertil Steril* 2004; 82(1):102-6.
- **The Practice Committee of the American Society for Reproductive Medicine:** Effectiveness and treatment for unexplained infertility. *Fertil Steril*. 2006a; 86(suppl. 5):S111-S114.
- **Tochio H and Kudo M.** Afferent and efferent vessels of premalignant and overt hepatocellular carcinoma: observation by color Doppler imaging. *Intervirolgy*. 2004; 47(3-5):144-53.
- **Tommaselli GA, Pighetti M, Nasti A, D'Elia A, et al.** Serum leptin levels and uterine Doppler flow velocimetry at 20 weeks' gestation as markers for the development of pre-eclampsia. *Gynecol Endocrinol*. 2004; 19(3):160-5.
- **Topping D, Brown P, Judis L, et al.** (Synaptic defects at meiosis I and non-obstructive azoospermia. *Hum Reprod* 2006; 21(12):3171-7.
- **Trusen A, Beissert M, Hahn D.** Color Doppler US findings in the diagnosis of arterial occlusive disease of the lower limb. *Acta Radiol*. 2003; 44(4):411-8.
- **Tsai YF, Su BC, Lin CC, et al.** Cardiac output derived from arterial pressure waveform analysis: validation of the third-generation software in patients undergoing orthotopic liver transplantation. 2012; 44(2):433-7.



References

- **Valentine AA et al.** Tubal damage in infertile women: prediction using Chlamydia serology. *Hum Reprod.* 2003; 18:1841-1847.
- **Van der Steeg JW, Steures P, Eijkemans1 MJC, et al.** should the post-coital test (PCT) be part of the routine fertility work-up? *Human Reproduction* 2004 ;(19)6:1373-1379.
- **Verrotti C, Benassi G, Caforio E, et al.** Targeted and tailored diagnostic strategies in women with perimenopausal bleeding: advantages of the sonohysterographic approach. *Acta Biomed.* 2008; 79(2):133-6.
- **Wu HM, Chiang CH, Huang HY, et al.** Detection of the subendometrial vascularization flow index by three-dimensional ultrasound may be useful for predicting the pregnancy rate for patients undergoing in vitro fertilization-embryo transfer. *Fertil Steril* 2003; 79: 507–11.
- **Yaman C, Ebner T, Sommergruber M, et al.** Role of three-dimensional Ultrasonographic measurement of endometrium volume as a predictor of pregnancy outcome in an IVF-ET program: a preliminary study. *Fertil Steril* 2000; 74: 797–801.
- **Yokota A, Nakai A, Oya A, et al.** Changes in uterine and ovarian arterial impedance during the periovulatory period in conception and nonconception cycles. *J Obstet Gynaecol Res.* (2000) ; 26(6):435-40.



References

- **Yagel S, Cohen SM, Rosenak D, Messing B, et al.** Added value of three-/four-dimensional ultrasound in offline analysis and diagnosis of congenital heart disease. *Ultrasound Obstet Gynecol.* 2011 37(4):432-7.
- **Zaidi J., Jurkavic D., And Campbell S.:** Description of circadian rhythm in uterine artery blood flow at the baseline ultrasound scans to subsequent follicular response in an in vitro fertilization programme. *Obstet. Gynecol* 1995; 88: 779 -784.
- **Zaidi J, Pittrol R., and sharker A.** Assessment of uterine artery blood flow on the day of human chorionic gonadotropin administration by transvaginal Color Doppler ultrasound in an in vitro fertilization programme. *Fertil. Steril* 1996; 65: 377-381.
- **Zhang X, Chen CH, Confino E, et al.** Increased endometrial thickness is associated with improved treatment outcome for selected patients undergoing in vitro fertilization-embryo transfer. *Fertil Steril* 2005; 83: 336–40.