

REFERENCES

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Abdel-Gadir, A.; Alnaser, H.; Mowaffi, R. and Shaw, R. (1992):

The response of patients with polycystic ovarian disease to human menopausal gonadotropin therapy after ovarian electrocautery or a luteinizing hormone-releasing hormone agonist. *Fertil. Steril.*; 57: 309-312.

Abdel-Gadir, A.; Khatim, M.S.; Alnaser, H.B.O.; Mowafi, R.S.; Shaw, R.W. (1993):

Ovarian electrocautery: responders versus non-responders. *Gynecol. Endocrinol.*; 7: 43-8.

Abd-El-Hadi, M.; Gohar, M. and Alloush, M. (1998):

Unilateral versus bilateral laparoscopic ovarian electrocautery in patients with polycystic ovarian syndrome: A prospective hormonal and clinical study. *Egypt. Soci. Obstet. and Gynecol.*; 24: 129-140.

Aboulghar, M.; Mansour, R.; Serour, G.; Riad, R. and Ramzy, A. (1993):

Management of severe ovarian hyperstimulation syndrome by ascitic fluid aspiration and intensive fluid therapy. *Obst. Gynecol.*; 81: 108-113.

Aboulghar, M.; Mansour, R.; Serour, G. and Rizk, B. (1996):

Ovarian hyper-stimulation syndrome: modern concepts in pathophysiology and management. *Middle East Fertil. Soc. J.*; 1: 3-8.

Acar, B. and Kadanali, S. (1993):

Diminished growth hormone responses to L-dopa in polycystic ovarian disease. *Fertil. Steril.*; 60: 984-988.

Adashi, E.; Resnick, C.; Hurwitz, A.; Ricciarelli, E.; Hernadez, E. and Roberts, C. (1991):

Insulin-like growth factors: The ovarian connection. *Hum. Reprod.*; 6: 1213-1217.

- Adraens, Y.; Robert, Y.; Lemaitre, L.; Fossati, P. and Dewailly, D. (1991):*
Polyeystic ovarian disease. Contribution of vaginal endosonography and reassessment of ultrasonic diagnosis. *Fertil. Steril.*; 55: 106-110.
- Afifi, M.A.; Khalil, A. and Azazi, A. (1996):*
Effect of clomiphene citrate on luteal endometrial estrogen receptor level and endometrial maturation. *Ain Shams Med. J.*; 47: 371-378.
- Alleem, F.A. and Predanic, M. (1996):*
Transvaginal color Doppler determination of the ovarian and uterine blood flow characteristics in polycystic ovary disease. *Fertil. Steril.*; 65: 510-516.
- Armar, N. and Lachelin, G. (1993):*
Laparoscopic ovarian diathermy: an effective treatment for anti-estrogen resistant anovulatory infertility in women with polycystic ovary syndrome. *Br. J. Obst. Gynaecol.*; 100: 161-165.
- Armar, N.A.; McGarrigle, H.H.G.; Honour, J.; Holownia, P.; Jacobs, H.S. and Lachelin, G.C.L. (1990):*
Laparoscopic ovarian diathermy in the management of anovulatory infertility in women with polycystic ovaries: endocrine changes and clinical outcome. *Fertil. Steril.*; 53: 45-49.
- Askel, S.; Saracoglu, O.F.; Yeoman, R.R. and Wiebe, R.H. (1986):*
Effects of clomiphene citrate on cytosolic estradiol and progesterone receptor concentrations in secretory endometrium. *Am. J. Obstet. Gynecol.*; 155: 1219-1223.
- Balasch, J.; Arroyo, V.; Carmona, F.; Llach, J.; Jimenez, W.; Pane, J. and Vanrell, J. (1991):*
Severe ovarian hyperstimulation syndrome: role of peripheral vasodilatation. *Fertil. Steril.*; 56: 1077-1081.

- Balasch, J.; Carmona, F.; Llach, J.; Arroyo, V.; Lone, I. And Vanrell, J. (1990):**
Acute prerenal failure and liver dysfunction in patient with severe ovarian hyperstimulation syndrome. Hum. Reprod.; 5:348-351.
- Balen, A. (1997):**
Anovulatory infertility and ovulation induction. Hum. Reprod.; 12: 83-87.
- Balen, A. and Jacobs, H. (1994):**
Prospective study comparing unilateral and bilateral laparoscopic ovarian diathermy in women with the polycystic ovary syndrome. Fertil. Steril.; 62: 921-925.
- Balen, A.H.; Conway, G.S. and Kaltsas, G. (1995):**
Polycystic ovary syndrome: the spectrum of the disorder in 1741 patients. Hum. Reprod.; 10: 2107-2111.
- Balen, A.H.; Tan, S.L. and Jacobs, H.S. (1993):**
Hypersecretion of luteinizing hormone. A significant cause of infertility and miscarriage. Br. J. Obstet. Gynecol.; 100: 1082-1089.
- Barbieri, R.L. (1990):**
Hyperandrogenic disorders. Clin. Obstet. Gynecol.; 33: 640-654.
- Barreca, A.; Monte, P.D. and Ponzani, P. (1996):**
Intrafollicular insulin-like growth factor II levels in normally ovulating women and in patients with polycystic ovary syndrome. Fertil. Steril.; 65: 739-743.
- Ben-Sholmo, I.; Franks, S.; Adashi, E. (1995):**
The polycystic ovary syndrome: nature or nurture? Fertil. Steril.; 63: 953-957.
- Bernasconi, D.; Del Monte, P. and Meozzi, M. (1996):**
The impact of obesity on hormonal parameters in hirsute and nonhirsute women. Metabolism.; 45: 72-75.
- Berry, G.; Simpson, J.M.; Hart, G.R. and Burrin, J.M. (1991):**
Significance tests. In: Introductory Biostatistics, 3rd ed., Eds. Berry, G., Simpson, J.M., Hart, G.R. and Burrin, J.M., Churchill Livingstone, London, p-p. 38-58.

- Bider, D.; Menashe, Y.; Oelsner, G.; Serr, D.; Mashiach, S. and Ben-Rafeal, Z. (1990):**
Ovarian hyperstimulation syndrome due to exogenous gonadotropin administration. *Acta. Obstet. Gynecol., Scand.*; 69: 511-515.
- Billiar, R.B.; Richardson, D.; Schwartz, R.; Posner, B. and Little, B. (1990):**
Effect of chronically elevated androgen or estrogen on the glucose tolerance test and insulin response in female rhesus monkeys. *Am. J. Obstet. Gynecol.*; 157: 1297-302.
- Biltzow, T.; Kettel, L. and Yen, S. (1995):**
Clomiphene citrate reduces serum insulin-like growth factor-I and increases sex hormone-binding globulin levels in women with polycystic ovary syndrome. *Fertil. Steril.*; 63: 1200-1204.
- Blumenfeld, Z. and Nahhas, F. (1988):**
Luteal dysfunction in ovulation induction: the role of repetitive human chorionic gonadotropin supplementation during the luteal phase. *Fertil. Steril.*; 50: 403-408.
- Boham-Velez, M. and Mendelson, E.B. (1992):**
Transvaginal sonography applications, equipment and technique. In: *Transvaginal ultrasound*, 1st ed., Eds. Nyberg, D.A., Hill, L.M., Bohm-Velez, M. and Mendelson, E.B., Mosby Year Book, New York, p-p. 1-20.
- Borenstein, R.; El-Holah, U. and Lunenfed, B. (1989):**
Severe ovarian hyperstimulation syndrome: a re-evaluated therapeutic approach. *Fertil. Steril.*; 51: 791-795.
- Brincat, M.; Galea, R. and Buhagiar, A. (1994):**
Polycystic ovaries and endometriosis; a possible connection, *Br. J. Obst. Gynaecol.*; 101: 346-350.
- Bruning, P.; Bonfrero, J. and Van Noord, P. (1992):**
Insulin resistance and breast cancer risk. *Int. J. Cancer*; 53: 511-515.

Brzyski, R.; Grow, D.; Sims, J. and Seltman, H. (1995):

Increase in androgen estrogen ratio specifically during low-dose follicle-stimulating hormone therapy for polycystic ovary syndrome. *Fertil. Steril.*; 64: 693-696.

Buyalos, R. and Lee, C. (1996):

Polycystic ovary syndrome: Pathophysiology and outcome with in vitro fertilization. *Fertil. Steril.*; 65: 1-5.

Byrne, B.; Cunningham, S. and Igoe, D. (1991):

Sex steroids, adiposity and smoking in the pathogenesis of idiopathic hirsutism and PCOS. *Acta. Endocrinol.*; 124: 370-374.

Campo, S.; Felli, A.; Lamanna, M.A.; Barini, A. and Garcea, N. (1993):

Endocrine changes and clinical outcome after laparoscopic ovarian resection in women with polycystic ovaries. *Hum. Reprod.*; 8: 359-363.

Carey, A.H.; Chan, K.L.; Short, F.; White, D.M.; Williamson, R. and Franks, S. (1993):

Evidence for a single gene effect in polycystic ovaries and male pattern baldness. *Clin. Endocrinol.*; 38: 653-658.

Carey, A.H.; Waterworth, D.; Patel, K.; White, D.M.; Little, J.; and Novelli, P. (1995):

Familial polycystic ovaries: A genetic disease. *Human Mol Genet*; 3: 1873-1876.

Carmina, E.; Gonzalez, F.; Change, L. and Lobo, R.A. (1995):

Reassessment of adrenal androgen secretion in women with polycystic ovary syndrome. *Obstet. Gynecol.*; 85: 971-974.

Cheesman, K.; Cheesman, S.; Chatterton, R. and Cohen, M. (1983):

Alterations in progesterone metabolism and luteal function in infertile women with endometriosis. *Fertil. Steril.*; 40: 590-593.

Ciampelli, M.; Fulghesu, A.M. and Cucinelli, F. (1997):

Heterogeneity in B-cell activity, hepatic insulin clearance and peripheral insulin sensitivity in women with polycystic ovary syndrome. *Hum. Reprod.*; 12: 1897-1901.

- Ciaraldi, T.; El-Roeiy, A.; Madar, Z.; Reichart, D.; Olefsky, J. and Yen, S. (1992):**
Cellular mechanisms of insulin resistance in polycystic ovarian syndrome. *J. Clin. Endocrinol. Metab.*; 75: 577-83.
- Ciotta, L.; Cianci, A.; Calogero, A.E.; Palumbo, M.A.; Marletta, E. and Sciuto, A. (1995):**
Clinical and endocrine effects of finasteride, a 5 α -reductase inhibitor, in women with idiopathic hirsutism. *Fertil. Steril.*; 64: 299-306.
- Committee on Safety of Medicine (1995):**
Medicine control Agency Curr-prob pharmacovigilance; 21:7-11.
- Coney, P. (1990):**
Polycystic ovarian disease: Current concepts of pathophysiology and therapy. In: *Modern Trends in Infertility and Conception Control*, Eds. Wallach, E. and Kempers, R., Churchill Livingstone, London, p-p. 55-75.
- Conway, G.; Agrawal, R. and Beteridge, D. (1992):**
Risk factors for coronary artery disease in lean and obese women with polycystic ovary syndrome. *Clin. Endocrinol.*; 37: 19-23.
- Dabirashrafi, H. (1990):**
Complications of laparoscopic ovarian cauterization. *Fertil. Steril.*; 52: 878-879.
- Dahlgren, E.; Janson, P.; Johansson, S.; Lapidus, L. and Oden, A. (1992):**
Polycystic ovary syndrome and risk for myocardial infarction: Evaluated from a risk factor model based on a prospective population study of women. *Acta. Obst. Gynecol. Scand.*; 71: 599-602.
- Dahlgren, E.; Janson, P.; Johansson, S.; Lapidus, L.; Lindstedt, G. and Tengborn, L. (1994):**
Hemostatic and metabolic variables in women with polycystic ovary syndrome. *Fertil. Steril.*; 61: 455-459.

- Dahlgren, E.; Johansson, S. and Lindstedt, G. (1992):**
Women with polycystic ovary syndrome wedge resected in 1956 to 1965: A long-term follow-up focusing on natural history and circulating hormones. *Fertil. Steril.*; 57: 505-509.
- Dale, P.; Tanbo, T.; Vaaler, L. and Abyholm, T. (1992):**
Body weight, hyperinsulinemia, and gonadotropin levels in the polycystic ovarian syndrome: evidence of two distinct populations. *Fertil. Steril.*; 58: 487-490.
- Dale, P.O.; Tanbo, T.; Henriksen, T.; Magnus, O.; Abyholm, T. (1990):**
Gonadotrophin therapy of female infertility. *Acta. Endocrinol.*; 120: 395-400.
- Daniell, J.F. and Miller, W. (1989):**
Polycystic ovaries treated by laparoscopic laser vaporization. *Fertil. Steril.*; 51: 232-236.
- Davies, M.; Hall, M. and Jacobs, H. (1990):**
Bone mineral loss in young women with amenorrhea. *B. M. J.*; 301: 790-794.
- Deaton, Jeffrey, L.; Dempsey, Robin, A.; Miller, Kathleen, A. (1996):**
Serum from women with polycystic ovary syndrome inhibits fertilization and embryonic development in the murine in vitro fertilization model. *Fertil. Steril.*; 65: 6-10.
- Delbaere, A.; Bergman, P. and Decoster, C. (1994):**
Angiotensin II immuno-reactivity is elevated in ascities during severe ovarian hyperstimulation syndrome: implications for pathophysiology and clinical management. *Fertil. Steril.*; 62: 731-735.
- Devesa, J.; Perez-Fernandez, R. and Lima, L. (1987):**
Adrenal cortex and type II polycystic ovary syndrome. *Gynecol. Endocrinol.*; 1: 269-273.
- Dewailly, D.; Robert, Y. and Hellin, I. (1994):**
Ovarian stromal hypertrophy in hyperandrogenic women. *Clin. Endocrinol.*; 1: 557-562.

- ✓ *Di Marzo, S.J.; Kennedy, J.F. and Young, P.E. (1992):*
Effect of Controlled ovarian hyperstimulation on pregnancy rates after intrauterine insemination. *Am. J. Obstet. Gynecol.*; 166: 1607-1613.
- *DiCarlo, C.; Shoham, Z.; MacDougall, J.; Patel, A.; Hall, M. and Jacobs, H. (1992):*
Polycystic ovaries as a relative protective factor for bone mineral loss in young women with amenorrhea. *Fertil. Steril.*; 57: 314-319.
- Dodson, W.; Hughes, C.; Whitesides, D. and Haney, A. (1987):*
The effect of leuprolid acetate on ovulation induction with human menopausal gonadotropins in polycystic ovary syndrome. *J. Clin. Endocrinol. Metab.*; 65: 95-99.
- Donesky, B. and Adashi, E. (1995):*
Surgically induced ovulation in the polycystic ovary syndrome: Wedge resection revisited in the age of laparoscopy. *Fertil. Steril.*; 63: 439-444.
- *Douchi, T.; Ijuin, H. and Nakamura, S. (1995):*
Body fat distribution in women with polycystic ovary syndrome. *Obstet. Gynecol.*; 86: 516-520.
- *Dunaif, A.; Scott, D.; Finegood, D.; Quintana, B. and Whitcomb, R. (1996):*
The insulin-sensitizing agent troglitazone improves metabolic and reproductive abnormalities in the polycystic ovary syndrome. *J. Clin. Endocrinol. Metab.*; 81: 3299-306.
- *Dunaif, A.; Segal, K.; Shelley, D.; Green, G.; Dobrjansky, A. and Licholai, T. (1992):*
Evidence for distinctive and intrinsic defects in insulin action in polycystic ovary syndrome. *Diabetes*; 41: 1257-66.
- Eddy, C.; Asch, R. and Balmaceda, J. (1980):*
Pelvic adhesions following microsurgical and macrosurgical wedge resection of the ovaries. *Fertil. Steril.*; 33: 557-560.
- Eden, J.; Place, J. and Carter, G. (1989):*
The diagnosis of polycystic ovaries in subfertile women. *Br. J. Obst. Gynaecol.*; 96: 809-812.

Edman, C. and MacDonald, P. (1978):

Effect of obesity in conversion of plasma androstenedione to estrone in ovulatory and anovulatory young women. *Am. J. Obst. Gynecol.*; 130: 456-460.

Ehrmann, D. and Rosenfield, R. (1990):

Hirsutism-beyond the steroidogenic block. *N. Engl. J. Med.*; 323: 909-912.

Ehrmann, D.A.; Cavaghan, M.K.; Imperial, J.; Sturis, J.; Rosenfield, R.L. and Polonsky, K.S. (1997):

Effects of metformin on insulin secretion, insulin action, and ovarian steroidogenesis in women with polycystic ovary syndrome. *J. Clin. Endocrinol. Metab.*; 82: 524-30.

Ellenbogen, A.; Rosenberg, R. and Shulman, A. (1996):

A follicular scoring system for monitoring ovulation induction in polycystic ovary syndrome patients based solely on ultraonographic estimation of follicular development. *Fertil. Steril.*; 65: 1175-1177.

Erenus, M.; Demircay, Z. and Gurbuz, O. (1994):

Comparison of the efficacy of spironolactone versus flutamide in the treatment of hirsutism. *Fertil. Steril.*; 61: 613-616.

Erlik, Y.; Noot, Y. and Friedman, M. (1979):

Histamine levels in ovarian hyperstimulation syndrome. *Obstet. Gynecol.*; 53: 580-584.

Etinger, B. and Golditch, I. (1977):

Medroxyprogesterone acetate for the elevation of hypertestosteronism in hirsute women. *Fertil. Steril.*; 28: 1285-1290.

Evron, S.; Navot, D.; Laufer, N. and Diamant, Y.Z. (1983):

Induction of ovulation with combined human gonadotrophins and dexamethasone in women with polycystic ovarian disease. *Fertil. Steril.*; 40: 183-187.

Falsetti, L. and Eleftheriou, G. (1996):

Hyperinsulinemia in the polycystic ovary syndrome a clinical, endocrine and endographic study in 240 patients. *Gynecol. Endocrinol.*; 10: 319-326.

- Falsetti, L. and Pasinetti, E. (1994):**
Treatment of moderate and severe hirsutism by gonadotropin releasing hormone agonists in women with polycystic ovary syndrome and idiopathic hirsutism. *Fertil. Steril.*; 61: 817-821.
- Farhi, J.; Soule, S. and Jacobs, H.S. (1995):**
Effect of laparoscopic ovarian electrocautery on ovarian response and outcome of treatment with gonadotropins in C.C resistant patients with PCOS. *Fertil. Steril.*; 64: 930-934.
- Farquhar, C.M.; Birdsall, M.; Manning, P.; Mitchell, J.M. and France, J.T. (1994):**
The prevalence of polycystic ovaries on ultrasound scanning in a population of randomly selected women. *Aust. N.Z.J. Obstet. Gynaecol.*; 34: 67-72.
- Fauser, B.C.J.M.; Pache, T.D.; Hop, W.C.J.; deJong, F.H. and Dahl, K.D. (1992):**
The significance of a single serum LH measurement in women with cycle disturbances: discrepancies between immunoreactive and bioactive hormone estimates. *Clin. Endocrinol.*; 37: 445-452.
- Ferraretti, A.; Gianaroli, L.; Diotallevi, L.; Festi, C. and Trounson, A. (1992):**
Dopamine treatment for severe hyperstimulation syndrome. *Hum. Reprod.*; 7: 180-183.
- Ficicioglu, C.; Api, M.; Ozden, S. (1996):**
The number of follicles and ovarian volume in the assessment of response to clomiphene citrate treatment in polycystic ovarian syndrome. *Acta. Obstet. Gynecol. Scand.*; 75: 917-921.
- Filicori, M.; Flamigni, C. and Mergiggiola, M. (1991):**
Ovulation induction with pulsatile gonadotropin-releasing hormone: technical modalities and clinical perspectives. *Fertil. Steril.*; 56: 1-4.
- Fleischer, A.C. and Kepple, D.M. (ed) (1991):**
Normal pelvic anatomy as depicted by transvaginal sonography. In: *Principles and Practice of Ultrasonography in Obstetrics and Gynaecology*, 4th ed., Eds. Fleischer, A.C., Romero, R., Manning, F., Jeanty, P. and James, A.E., Lippincott-Raven, New York, p-p. 529-549.

Fleischer, A.C. and Kepple, D.M. (ed) (1992):

Benign conditions of the uterus, cervix and endometrium. In: Transvaginal Ultrasound, 1st ed., Eds. Nyberg, D.A., Hill, L.M., Bohm-Velez, M. and Mendelson, E.B., Mosby Year Book, New York, p-p. 21-35.

Fleischer, A.; Pittaway, D. and Beard, L. (1984):

Sonographic depiction of endometrial changes occurring with ovulation induction. J. Ultras. Med.; 3: 341-345.

Fleischer, A.C.; Kepple, D.M. and Entman, S.S. (ed) (1991):

Transvaginal sonography of uterine disorders. In: Transvaginal Sonography, 2nd ed., Eds. Timor-Tritsch, I.E. and Rottem, S., El-Sevier Publishing, New York, p-p. 109-130.

Fouad, H.; El-Shaer, O. (1997):

A comparative study of ultrasound guided follicular aspiration versus laparoscopic ovarian diathermy in the management of anti-estrogen-resistant anovulatory infertility associated with polycystic ovarian disease. Benha M.J.; 14: 703-716.

Fox, R. (1993):

Correlation of hyperandrogenism and hyperinsulinism in polycystic ovarian syndrome.
Thesis. University of Bristol.; P. 150.

Fox, R. (1994):

✓ Polycystic ovarian disease and insulin resistance: Pathophysiology and wider health issues. In: Progress in Obstetrics and Gynecology, Ed. Studd, J., Churchill Livingstone, New York, p-p. 351-357.

Fox, R. and Hull, M. (1989):

Polycystic ovarian disease. In: Recent Advances in the Management of Infertility, Eds. Chen, C., Tan, S. and Cheng, W.C., McGraw-Hill Book, Singapore, p-p. 67-75.

Fox, R.; Corrigan, E. and Thomas, P. (1991):

Oestrogen and androgen states in oligomenorrhoeic women with polycystic ovaries. Br. J. Obst. Gynaecol.; 98: 294-297.

- Fox, R.; Wardle, P. and Clarke, L. (1991):**
Acromegaloid bone changes in severe polycystic ovarian disease: an effect of hyperinsulinemia? Br. J. Obstet. Gynaecol.; 98: 410-414.
- Franks, S. (1995):**
Polycystic ovary syndrome. N. Engl. J. Med.; 733: 863-871.
- Fruzzetti, F.; De Lorenzo, D. and Teti, G. (1995):**
Ovarian influence on adrenal androgen secretion in polycystic ovary syndrome. Fertil. Steril.; 63: 734-738.
- Fukaya, T.; Murakami, T.; Tamura, M.; Wantanabe, T.; Terada, Y. and Yajima, A. (1995):**
Laser vaporization of the ovarian surface in polycystic ovary disease results in reduced ovarian hyperstimulation and improved pregnancy rates. Am. J. Obstet. Gynecol.; 173:119-122.
- Fulghesu, A.; Lanzone, A.; Andreani, C.; Pierro, E.; Caruso, A. and Mancuso, S. (1995):**
Effectiveness of a somatostatin analogue in lowering luteinizing hormone and insulin-stimulated secretion in hyperinsulinemic women with polycystic ovary disease. Fertil. Steril.; 4: 703-707.
- Genazzani, A.; Fachinetti, F. and Petraglia, F. (1983):**
Correlations between plasma levels of opioid peptides and adrenal androgens in prepuberty and puberty. J. Steroid Biochem.; 19: 891-896.
- Gerris, J.; DeVits, A.; Joosteus, M. and VanRoyen, E. (1995):**
Triggering of ovulation in human menopausal gonadotrophin stimulated cycles: Comparison between intravenously administered gonadotrophin-releasing hormone (100 and 500 ug), GnRH-a ((Buserelin, 500 ug) and (hCG 10,000 IU). Hum. Reprod.; 10: 56-60.
- Ghanem, M. and El-Sayed, K. (1995):**
Early hormonal and sonographic changes following laparoscopic ovarian cauterization for polycystic ovarian disease. Egypt. Soc. of Obstet. Gynecol.; 21: 7-19.

Ghanem, M.; El-Sayed, K. and El-Nafees, A. (1996):

Clinical and endocrine features of PCOD correlated with morphological sonographic variants and response to laparoscopic drilling" The prediction of therapeutic response. Egypt. Soc. Obstet. Gynecol.; 22: 111-127.

✓ **Gjonnaess, H. (1994):**

Ovarian electrocautery in the treatment of women with polycystic ovary syndrome. Acta. Obstet. Gynecol. Scand.; 73: 407-412.

Gjonnaess, H. (1998):

Late endocrine effect of ovarian electrocautery in women with polycystic ovary syndrome. Fertil. Steril.; 69: 697-701.

Golan, A.; Ron, E.; Herman, A.; Soffer, Y.; Weinraub, Z. and Caspi, E. (1989):

Ovarian hyperstimulation syndrome: An update review. Obst. Gynecol. Surv.; 44: 430-434.

✓ **Goldzieher, J. (1982):**

Polycystic ovarian disease. In: Modern Trends in Infertility and Conception Control, Eds. Wallach, E. and Kempers, R., Churchill Livingstone, London, p-p. 65-84.

Goldzieher, J. and Dizerega, G. (1985):

Polycystic ovarian disease. In: Clinical Reproductive Endocrinology, Ed. Shearman, R., Churchill Livingstone, Edinburgh, p-p. 406-420.

Gonzalez, F.; Chang, L.; Horab, T.; Lobo, R.A. (1996):

Evidence for heterogeneous etiologies of adrenal dysfunction in polycystic ovary syndrome. Fertil. Steril.; 66: 354-361.

Goswamy, R.K.; Cambel, S. and Royston, I.P. (1988):

Ovarian size in postmenopausal women. Br. J. Obstet. Gynecol.; 95: 795-800.

Grandberg, S.; Wikland, M.; Karlsson, B.; Norstrom, A. and Friberg, L.G. (1991):

Endometrial thickness as measured by endovaginal ultrasonography for identifying endometrial abnormalities, Am. J. Obstet. Gynecol.; 164: 47-52.

Grant, E.G. (1992):

Benign conditions of the ovaries. In: Transvaginal Ultrasound, 1st ed., Eds. Nyberg, D.A., Hill, L.M., Bohm-Velez, M. and Mendelson, E.B., Mosby Year Book, New York, p-p. 187-208.

Gratton, D.; Harrington, C.; Holt, S.C. and Lyons, E.A. (1991):

Normal pelvic anatomy using transvaginal scanning. Obstet. Gynecol. Clinics of North America; 18: 693-711.

Greenblatt, E. and Casper, R. (1993):

Adhesion formation after laparoscopic ovarian cautery for polycystic ovarian syndrome: lack of correlation with pregnancy rate. Fertil. Steril.; 60: 766-770.

Gurgan, T.; Kisinisci, H.; Yarali, H.; Develioglu, O.; Zeyneloglu, H. and Aksu, T. (1991):

Evaluation of adhesion formation after laparoscopic treatment of polycystic ovarian disease. Fertil. Steril.; 56: 1176-1178.

Gurgan, T.; Urman, B.; Aksu, T.H.Y.; Develioglu, O. and Kisinisci, H. (1992):

The effect of short-interval laparoscopic lysis of adhesions on pregnancy rates following Nd-YAG laser photocoagulation of polycystic ovaries. Obstet. Gynecol.; 80:45-47.

Guzick, D.; Wing, R. and Smith, D. (1994):

Endocrine consequences of weight loss in obese hyperandrogenic anovulatory women. Fertil. Steril.; 61: 598-601.

Hall, J.E. (1993):

Polycystic ovarian disease as a neuroendocrine disorder of the female reproductive axis. Endocrinol. Metab. Clin. North Am.; 22: 75-92.

Hamilton-Fairley, D. and Pearce, J. (1993):

Polycystic ovary syndrome. In: Annual Progress In Reproductive Medicine, Eds. Asch, R. and Studd, J., Churchill Livingstone, Edinburg, p-p. 71-86.

- Hamilton-Fairley, D.; Kiddy, D.; Sagle, M. and Franks, S. (1991):**
Low dose gonadotrophin therapy for induction of ovulation in 100 women with polycystic ovary syndrome. *Hum. Reprod.*; 6: 1095-1060.
- **Harlow, C.; Hillir, S. and Hodges, J. (1986):**
Androgen modulation of follicle-stimulating hormone-induced granulosa cell steroidogenesis in the primate ovary. *Endocrinol.*; 119: 1403-1408.
- Hasegawa, I.; Murakawa, H.; Suzuki, M.; Yamamoto, Y.; Kurabayashi, T. and Tanaka, K. (1999):**
Effect of troglitazone on endocrine and ovulatory performance in women with insulin resistance-related polycystic ovary syndrome. *Fertil. Steril.*; 71: 323-327.
- **Hasegawa, I.; Tanaka, K. and Sanada, H. (1996):**
Studies on the cytogenetic and endocrinologic background of spontaneous abortion. *Fertil. Steril.*; 65: 52-54.
- **Hatch, R.; Rosenfield, R. and Kim, M. (1981):**
Hirsutism: implications, aetiology and management. *Am. J. Obst. Gynecol.*; 140: 815-819.
- Hernandez, E.R.; Resnick, C.E.; Holtzclaw, W.D.; Payne, D.W. and Adashi, E.Y. (1991):**
Insulin as a regulator of androgen biosynthesis by cultured rat ovarian cells: Cellular mechanism(s) underlying physiological and pharmacological hormonal actions. *Endocrinology*; 122: 2034-43.
- Hesla, J. (1994):**
Current concepts in assisted reproductive technology. In: *Advances in Obstetrics and Gynecology*, Eds. Rock, J., Faro, S., Gant, N., Horowitz, I. and Murphy, A., Churchill Livingstone, Edinburgh, p-p. 231-240.
- Heylen, S.M.; Puttmans, P.J.; Brosens, I.A. (1994):**
Polycystic ovarian disease treated by laparoscopic argon laser capsule drilling: Comparison of vaporization versus perforation technique. *Hum. Reprod.*; 9: 1038-1040.

Homburg, R.; West, C.; Torresani, T. and Jacobe, H. (1990):

Contreatment with human growth hormone and gonadotropins for induction of ovulation: A controlled clinical trial. *Fertil. Steril.*; 53: 254-258.

Homburg, R.; Berkowitz, D.; Levy, T.; Fledberg, D.; Ashkenazi, J. and Ben-Rafael, Z. (1993):

In vitro fertilization and embryo transfer for the treatment of infertility associated with polycystic ovary syndrome. *Fertil. Steril.*; 60: 858-862.

Homburg, R.; Levy, T. and Ben-Rafael, Z. (1995):

A comparative prospective study of conventional regimen with chronic low-dose administration of follicle-stimulating hormone for anovulation associated with polycystic ovary syndrome. *Fertil. Steril.*; 63: 729-732.

Homburg, R.; Levy, T. and Ben-Rafael, Z. (1995):

Adjuvant growth hormone for induction of ovulation with gonadotropin releasing hormone agonist and gonadotropins in polycystic ovary syndrome: a randomized, double-blind, placebo controlled trial. *Hum. Reprod.*; 10: 2550-2553.

Homburg, R.; Levy, T.; Berkovitz, D.; Farchi, J.; Feldberg, D. and Ashkenazi, J. (1993):

Gonadotropin releasing hormone antagonist reduces the miscarriage rate for pregnancies achieved in women with polycystic ovarian syndrome. *Fertil. Steril.*; 59: 527-531.

Hugues, J.N.; Durnerin, I.; Avril, C. (1996):

Sequential step up and step-down dose regimen: an alternative method for ovulation induction with follicle stimulating hormone in polycystic ovarian syndrome. *Hum. Reprod.*; 11: 2581-2584.

Hughes, S.; Huang, Z. and Matson, P. (1992):

Clinical and endocrinological changes in women following ovulation induction using buserelin acetate/human menopausal gonadotropin augmented with biosynthetic human growth hormone. *Hum. Reprod.*; 7: 770-774.

Ibrahim, Z.; Matson, P.; Buck, P. and Lieberman, H. (1991):

The use of biosynthetic human growth hormone to augment ovulation induction with buserelin acetate/human menopausal gonadotropins in women with a poor ovarian response. *Fertil. Steril.*; 55: 202-205.

Isik, A.Z.; Gulkekli, B.; and Zorlu, C.G. (1997):

Endocrinological and clinical analysis of hyperprolactinemic patients with and without ultrasonically diagnosed polycystic ovarian changes. *Gynecol. Obstet. Invesg.*; 43: 183-185.

Itskovitz, J.; Bolders, R. and Levron, J. (1990):

Transvaginal ultrasonography in diagnosis and treatment of infertility. *J. Clin. Ultrasound*; 18: 248-256.

Jaatinen, T.; Matinaluri, I.; Antilla, L.; Koskinen, P.; Erkkola, R. and Irjala, K. (1995):

Serum total renin is elevated in women with polycystic ovarian syndrome. *Fertil. Steril.*; 63: 1000-1005.

Jahanfar, S.; Eden, J. and Worren, P. (1995):

A twin study of polycystic ovary syndrome. *Fertil. Steril.*; 63: 478-482.

James, C.; Barrows, S. and Yuen, B. (1991):

Single-versus multiple-dose human chorionic gonadotropin for ovulation induction: effect on luteal function and pregnancy rate. *Fertil. Steril.*; 55: 1008-1012.

Joanne, Wald Streicher; Nanette, Fsantoro; Janet, E.; Hall; Marco Fillicori & William, F.; Crowley, J.R. (1990):

Hyperfunction of the hypothalamic-pituitary axis in women with polycystic ovarian disease. Indirect evidence for partial gonadotroph desensitization. *J. Clin. Endocrinol. Metab.*; 66: 165-169.

Kaaijk, E.M.; Beek, J.F. and Van der Veen, F. (1995):

Laparoscopic surgery of chronic hyperandrogenic anovulation. *Laser Surg. Med.*; 16:292-296.

Katagiri, C. (1994):

A possible role of ultrasound-guided follicular aspiration in induction of ovulation in patients with polycystic ovaries (English abstract) Nippon. Sanka, Fujika. Gakkai. Zasshi.; 46: 409-415.

Katz, E.; Ricciarelli, E. and Adashi, E. (1993):

The potential of growth hormone to female reproductive physiology and pathophysiology. Fertil. Steril.; 59: 8-34.

Kazer, R. (1995):

Current concepts in polycystic ovary syndrome. In: Advances In Obstetrics and Gynecology, Eds. Rock, J., Faro, S., Gant, N., Horowitz, I., and Murphy, A., Churchill Livingstone, Edinburgh, p-p. 199-210.

Kazer, R.; Unterman, T. and Glick, R. (1990):

An abnormality of the growth hormone /insulin-like growth factor-I axis in women with polycystic ovary syndrome. J. Clin. Endocrinol. Metab.; 71: 958-962.

Keckstein, G.; Wolf, A.S. and Borchers, K. (1990):

Pelviscopic use of the CO2 laser in the treatment of polycystic ovary syndrome. Zentralb I. Gynecol.; 112: 361-368.

Kelly, A. and Jewelewicz, R. (1990):

Alternate regimens for ovulation induction in polycystic ovarian disease. Fertil. Steril.; 54: 195-199.

Kettel, L. and Erickson, G. (1994):

Basic and clinical concepts in ovulation induction. In: Advances in Obstetrics and Gynecology, Eds. Rock, J., Faro, S., Gant, N., Horowitz, I., and Murphy, A., Churchill Livingstone, Edinburgh, p-p. 211-225.

Keyi-Menash, A.; Maconochie, N. and Zaidi, J. (1996):

Trans-vaginal three-dimensional ultrasound: reproducibility of ovarian and endometrial volume measurements. Fertil. Steril.; 66: 718-22.

- Khairat, M.A. and El-Taher, M. (1998):**
Laparoscopic ovarian drilling: A first choice treatment of anovulatory infertility in polycystic ovarian disease. Egypt. Soc. stet. & Gynecol .; 24: 325-333.
- Kimura, I.; Togashi, K. and Kawakami, S. (1996):**
Polycystic ovaries: implications of diagnosis with MR imaging. Radiology; 201: 549-552.
- Kingsland, C.; Collins, J.; Rizk, B. and Mason, B. (1989):**
Ovarian hyperstimulation presenting as acute hydrothorax after in vitro fertilization. Am. J. Obstet. Gynecol.; 161: 381-385.
- Koskinen, P.; Penttila, T.A. and Anttila, L. (1996):**
Optimal use of hormone determinations in the biochemical diagnosis of the polycystic ovary syndrome. Fertil. Steril.; 65: 517-522.
- Kovacs, G.; Buckler, H. and Bangah, M. (1991):**
Treatment of anovulation due to polycystic ovarian syndrome by laparoscopic ovarian electrocautery. Br. J. Obst. Gynecol.; 98: 30-35.
- Kupesic, S. and Kurjak, A. (1997):**
The assessment of uterine and ovarian perfusion in infertile patients. Eur. J. Obstet. Gynecol. Reprod. Biol.; 71: 151-154.
- Lachelin, G. (1984):**
The polycystic ovary syndrome. In: Progress In Obstetrics and Gynecology, Eds. Wallach, E., Kempers, R., and Mason, J.D., Little brown, Boston, p-p. 290-305.
- Lachelin, G.C.L. (1993):**
Laparoscopic ovarian diathermy: An effective treatment for anti-oestrogen resistant anovulatory infertility in women with polycystic ovary syndrome. Fertil. Steril.; 100: 161-164.
- Lanzone, A.; Ciampelli, M.; Fulghesu, M.; Murgia, F.; Guido, M.; Cucinelli, F.; Apa, R.; Caruso, A. (1998):**
Acute insulin response to intravenous glucagon in polycystic ovary syndrome. Hum. Reprod.; 13: 847-851.

- Lanzone, A.; Fulghesu, A. and Pappalardo, S. (1990):**
Growth hormone and somatomedin-c secretion in patients with polycystic ovarian disease. *Gynecol. Obst. Invest.*; 29: 149-153.
- Lanzone, A.; Fulghesu, A.; Guido, M.; Fortini, A.; Caruso, A. and Mancuso, S. (1992):**
Differential androgen response to adrenocorticotrophic hormone stimulation in polycystic ovary syndrome: relationship with insulin secretion. *Fertil. Steril.*; 58: 296-300.
- Lanzone, A.; Fulghesu, A. and Villa, P. (1994):**
Gonadotropin-releasing hormone agonist versus human chorionic gonadotropin as a trigger of ovulation in polycystic ovarian disease gonadotropin hyperstimulated cycles. *Fertil. Steril.*; 62: 35-40.
- Lanzone, A.; Fulghesu, A.M. and Cucinelli, F. (1996):**
Preconceptional and gestational evaluation of insulin secretion in patients with polycystic ovary syndrome. *Hum. Reprod.*; 11: 2382-2386.
- **Lanzone, A.; Petraglia, F.; Fulghesu, A.; Ciampelli, M.; Caruso, A. and Mancuso, S. (1995):**
Corticotropin releasing hormone induces an exaggerated response of adrenocorticotrophic hormone and cortisol in polycystic ovary syndrome. *Fertil. Steril.*; 63: 1195-1199.
- Lanzone, A.; Villa, P. and Fulghesu, A.M. (1995):**
The growth hormone response to growth hormone releasing hormone in polycystic ovary syndrome: relationship with obesity and hyperinsulinemia. *Hum. Reprod.*; 10: 1653-1657.
- Lasco, A.; Cucinotta, D. and Gigante, A. (1995):**
No changes of peripheral insulin resistance in polycystic ovary syndrome after long-term reduction of endogenous androgen with leuprolide. *Eur. J. Endocrinol.*; 133: 718-722.
- **Laughlin, T.; Cunningham, S.; Moore, A.; Culliton, M.; Smyth, P. and McKenna, T. (1990):**
Adrenal abnormalities in polycystic ovary syndrome. *J. Clin. Endocrinol. Metab.*; 62: 142-146.

Lating, F.C. (1990):

Technical aspects of vaginal ultrasound, *Semin Ultrasound*; 11: 4-11.

• **Lee, E.; Seok Lee, B.; Chul Lee, H.; Park, K.; Song, C. and BumHuh, K. (1993):**

Growth hormone response to L-dopa and pyridostigmine in women with polycystic ovarian syndrome. *Fertil. Steril.*; 60: 53-56.

Leibman, A.J.; Kruse, B. and Sweeneg, M.B. (1988):

Transvaginal sonography: Comparison with transabdominal sonography in the diagnosis of pelvic masses, *A.J.R.*; 151: 89-92.

Leughlin, G.A.; Morales, A.J. and Yen, S.S. (1997):

Serum leptin levels in women with polycystic ovary syndrome: the role of insulin resistance hyperinsulinemia. *J. Clin. Endocrinol., Metab.*; 82: 1692-1696.

Li.T.C.; Saravelos, H.; Chow, M.S.; Chisabingo, R.; Cooke, I.D. (1998):

Factors affecting the outcome of laparoscopic ovarian drilling for polycystic ovarian syndrome in women with anovulatory infertility. *British Journal of Obstetrics and Gynecology*; 105: 338-344.

Lissak, A.; Dirnfeld, M. and Sorokin, Y. (1990):

The effect of metoclopramide on ovarian responsiveness to gonadotropin administration in patients with severe polycystic ovarian syndrome. *Fertil. Steril.*; 54: 585-590.

• **Lobo, R. (1991):**

The syndrome of hyperandrogenic chronic anovulation. In: *Infertility, Contraception and Reproductive Endocrinology*, Eds. Mishell, D.R., DavaJan, V. and Lobo, R., Blackwell Scientific Publications, Boston, p-p. 447-460.

Luciano, A. (1990):

Laparotomy versus laparoscopy. *Progr. Clin. Biol. Res.*; 358: 35-40.

- ✓ **Lunenfeld, B. and Lunenfeld, E. (1990):**
Ovulation induction: HMG. In: Infertility, Ed. Seibel, M., Mass Publishing Company, Philadelphia, p-p. 319-332.
- Lyles, R.; Goldzieher, J.W. et al. (1990):**
Early second look laparoscopy after the treatment of polycystic ovarian disease with laparoscopic ovarian electrocautery and/or ND:YAG laser photocoagulation. *Int. J. Fertil.*; 3: 371-376.
- Lymangrover, J.; Dokas, L. and Kong, A. (1981):**
Naloxone has a direct effect on the adrenal cortex. *Endocrinol.*; 109: 1132-1135.
- Lyons, E.A.; Gratton, D.; Harrington, C. (1992):**
Transvaginal sonography of normal pelvic anatomy. *Radiologic Clinics of North American*; 30: 663-675.
- **MacDougall, M.J.; Tan, S.L. and Jacobs, H.S. (1992):**
In-vitro fertilization and the ovarian hyperstimulation syndrome. *Hum. Reprod.*; 7: 597-600.
- **MacDougall, M.J.; Tan, S.L.; Balen, A. and Jacobs, H.S. (1993):**
A controlled study comparing patients with and without polycystic ovaries undergoing in-vitro fertilization. *Hum. Reprod.*; 5: 815-818.
- **Manieri, C.; Pastorino, R. and Marolda, A.R. (1995):**
A new approach in the evaluation of gonadotropins for the diagnosis of polycystic ovary syndrome. *Panminerva, Med.*; 37: 115-118.
- Martin, K.; Santoro, N. and Hall, J. (1990):**
Management of ovulatory disorders with pulsatile gonadotropin-releasing hormone. *J. Clin. Endocrinol. Metab.*; 71: 1018-1022.
- **Mathieson, J.; Couzinet, B. and Wekstein-Noel, S. (1992):**
The incidence of late-onset congenital adrenal hyperplasia due to 3 β -hydroxysteroid dehydrogenase deficiency among hirsute women. *Clin. Endocrinol.*; 36: 383-387.

McClure, N.; Healy, D.; Rogerr, P. (1994):

Vascular endothelial growth factor as capillary permeability agent in ovarian hyperstimulation. *The Lancet*; 344: 236-240.

McClure, N.; McQuinn, B.; McDonald, J.; Kovacs, G.; Healy, D. and Burger, H. (1992):

Body weight, body mass index, and age: Predictors of menotropin dose and cycle outcome in polycystic ovarian syndrome. *Fertil. Steril.*; 58: 622-626.

McKenna, T. and Cunningham, S. (1991):

Role for a non-androgenic anovulant in the management of hirsutism. *Irish, J. Med. Sci.*; 160: 194-198.

McKenna, T. and Hayes, F. (1996):

Recent advances in the diagnosis and treatment of polycystic ovary syndrome. *Recent Advances In Obstetrics and Gynecology*; 19: 121-125.

McKenna, T.J. (1994):

Screening for sinister causes of hirsutism. *N. Engl. J. Med.*; 331: 1015-1016.

Meldrum, D. (1991):

Low dose follicle-stimulating hormone therapy for polycystic ovarian disease. *Fertil. Steril.*; 55: 1039-1042.

Mills, M.; Eddowes, H.; Fox, R. and Wardle, P. (1992):

Subclavian vein thrombosis: a late complication of ovarian hyperstimulation syndrome. *Hum. Reprod.*; 7: 370-373.

Mio, Y.; Toda, T.; Tanikawa, M.; Terado, H.; Harada, T. and Terakawa, N. (1991):

Transvaginal ultrasound-guided follicular aspiration in the management of anovulatory infertility associated with polycystic ovaries. *Fertil. Steril.*; 56: 1060-1063.

Mizunuma, H.; Takagi, T. and Yamada, K. (1991):

Ovulation induction by step-down administration of purified urinary follicle-stimulating hormone in patients with polycystic ovarian syndrome. *Fertil. Steril.*; 55: 1195-1200.

- Mohamed, A. Koikailah (1994):**
Laparoscopic ovarian electrocoagulation in the management of infertile patients with polycystic ovarian disease. *Benha M. J.*; 2: 95-108.
- **Morales, A.J.; Laughlin, G.A. and Butzow, T. (1996):**
Insulin, somatotrophic and luteinizing hormone axis in lean and obese women with polycystic ovary syndrome. Common and distinct features. *J. Clin. Endocrinol. Metab.*; 81: 2854-2864.
- Morin-Papunen, L.C.; Koivunen, R.M.; Ruokonen, A. and Martikainen, H.K. (1998):**
Metformin therapy improves the menstrual pattern with minimal endocrine and metabolic effects in women with polycystic ovary syndrome. *Fertil. Steril.*; 69: 691-6.
- **Morris, R.; Carmina, E.; Vijod, M.; Stanczyk, F. and Lobo, R. (1995):**
Alterations in the sensitivity of serum insulin-like growth factors I and insulin-like growth factor binding protein-3 to octreotide in polycystic ovary syndrome. *Fertil. Steril.*; 63: 742-746.
- Myal, Y.; Shiu, R. and Bhaumick, B. (1984):**
Receptor binding and growth promoting activity of insulin-like growth factors in human breast cancer cells (t-47 D) in culture. *Cancer, Res.*; 44: 5486-5490.
- Naether, O.G.J. (1995):**
Significant reduction of adnexal adhesions following laparoscopic electrocautery of the ovarian surface by lavage and artificial ascities. *Gynaecol. Endos.*; 4: 17-19.
- Naether, O.; Baukloh, V.; Fisher, R. and Kowalczyk, T. (1994):**
Long-term follow-up in 206 infertility patients with polycystic ovarian syndrome after laparoscopic electrocautery of the ovarian surface. *Hum. Reprod.*; 9: 2341-9.
- Naether, O.; Fisher, F. (1993):**
Adhesion formation after laparoscopic electrocoagulation of the ovarian surface in polycystic ovary patients. *Fertil. Steril.*; 60: 95-8.

Naether, O.; Fischer, R. and Weise, H. (1993):

Laparoscopic electrocoagulation of the ovarian surface in infertile patients with polycystic ovarian disease. *Fertil. Steril.*; 60: 88-93.

Nannapaneni, I. and Abuzeid, M. (1998):

Laparoscopic ovarian diathermy for the treatment of polycystic ovarian disease: Benefits, risks and potential future role in the treatment of infertility. *M.E. Fertil. Steril.*; 3: 222-226.

Nestler, J.E. (1997):

Role of hyperinsulinemi in the pathogenesis of the polycystic ovary syndrome, and its clinical implications. *Semin. Reprod. Endocrinol.*; 15: 111-122.

Nestler, J.E. and Jakubowicz, D.J. (1996):

Decreases in ovarian cytochrome P450C17-alpha activity and serum free testosterone after reduction of insulin secretion in polycystic ovary syndrome. *N. Engl. J. Med.*; 335: 617-23.

Nestler, J.E.; Jakubowicz, D.J. and Evans, W.S. (1998):

Effects of metformin on spontaneous and clomiphene induced ovulation in the polycystic ovary syndrome. *N. Engl. J. Med.*; 338: 1876-1880.

Norman, R.J.; Masters, S. and Hague, W. (1996):

Hyperinsulinemia is common in family members of women with polycystic ovary syndrome. *Fertil. Steril.*; 66: 942-947.

Obhrai, M.; Lynch, S. and Holder, G. (1990):

Hormonal studies on women with polycystic ovaries diagnosed by ultrasound. *Clin. Endocrinol.*; 32: 467-471.

Odwin, C.S.; Fleischer, A.C.; Kepple, D.M. and Chiang, D.T. (1990):

Probe covers and disinfectants for transvaginal transducers, *J. Diag. Med. Sonography*; 6: 130-135.

Oei, M. and Kazer, R. (1992):

Variability of serum gonadotropins and dehydroepiandrosterone sulfate concentrations over time in women with polycystic ovary syndrome. *J. Reprod. Med.*; 12: 974-977.

- Orvieto, R.; Voliovitch, I.; Fishman, P. and Ben-Rafael, Z. (1995):**
Interleukin-2 and ovarian hyperstimulation syndrome: a pilot study. *Hum. Reprod.*; 10: 24-28.
- Pache, T.D.; De Jong, F.H.; Hop, W.C. and Fauser, B.C.J.M. (1993):**
Association between ovarian changes assessed by transvaginal sonography and clinical endocrine signs of polycystic ovary syndrome. *Fertil. Steril.*; 59: 544-547.
- **Pasquali, R.; Venturoli, S. and Melchionda, N. (1982):**
Insulin and C-peptide levels in obese patients with polycystic ovaries. *Horm. Metab. Res.*; 14: 284-288.
- Pehrson, J.; Vitukaitis, J. and Longcope, C. (1986):**
Bromocriptine, sex steroid metabolism and menstrual patterns in polycystic ovary syndrome. *Ann. Int. Med.*; 105: 129-132.
- **Penttila, T.A.; Anttila, L. and Tormoa, A. (1996):**
Serum free testosterone in polycystic ovary syndrome measured with a new reference method. *Fertil. Steril.*; 65: 55-59.
- Piesner, D.B. (1991):**
Transvaginal sonography equipment. In: *Transvaginal Sonography*, 2nd ed., Eds. Timor Tritsch, I.E. and Rottom, S., El-Sevier Publishing, New York, p-p. 29-47.
- **Plymate, S.R.; Fariss, B.L.; Bassett, M.L. and Matej, L. (1981):**
Obesity role in polycystic ovary syndrome. *J. Clin. Endocrinol. Metab.*; 52: 1246-1250.
- **Porcu, E.; Venturoli, S. and Longhi, M. (1997):**
Chronobiologic evolution of luteinizing hormone secretion in adolescence: developmental patterns and speculations on the onset of the polycystic ovary syndrome. *Fertil. Steril.*; 67: 842-848.
- Poretsky, L. (1991):**
On the paradox of insulin-induced hyperandrogenism in insulin-resistant state. *Endocr. Reve.*; 12: 3-13.

- **Poretsky, L. and Kalin, M.F. (1987):**
The gonadotropic function of insulin. *Endocr. Rev.*; 8: 132-136.
- **Prelevic, G.; Wurzbarger, M.; Balintperic, L. and Nesic, J. (1992):**
Twenty-four-hour serum growth hormone, insulin, C-peptide and blood glucose profiles and serum insulin-like growth factor-I concentrations in women with polycystic ovaries. *Hor. Res.*; 37: 125-129.
- Pride, S.; James, C. and Yuen, B. (1990):**
The ovarian hyperstimulation syndrome. *Seminars in Reproductive Endocrinology*; 8: 247-251.
- Raj, S.G.; Thompson, I.E. and Berger, M.J. (1977):**
Clinical aspects of the polycystic ovary syndrome. *Obstet. Gynecol.*; 49: 552-255.
- Reece, E.A.; Goldstein, I. And Hobbins, J.C. (1994):**
Gynesonography. In: *Fundamentals of Obstetrics and Gynecologic Ultrasound*, 1st ed., Eds, Llewellyn, D.J. and Besterman, A., Prentice-Hall International, London, p-p. 243-265.
- Reenblatt, E. and Casper, R. (1993):**
Adhesion formation after laparoscopic ovarian cautery for polycystic ovarian syndrome: lack of correlation with pregnancy rate. *Fertil. Steril.*; 60: 766-770.
- Regan, L.; Owen, E. and Jacobs, H. (1990):**
Hypersecretion of luteinizing hormone, infertility, and miscarriage. *Lancet*; 336: 1141-1145.
- Rittmaster, R.S. (1994):**
Finasteride. *N. Engl. J. Med.*; 330: 120-5.
- Rizk, B. and Aboulghar, M. (1994):**
Complications of assisted reproduction technologies. *Hum. Reprod.*; 9: 1235-1239.
- Rizk, B.; Aksel, S.; Helvacioglu, A. and Thorneygroft, I. (1994):**
Prediction, prevention and treatment of OHSS. *Hum. Reprod.*; 9: 1187-1191.

- Rizk, B.; Meagher, S. and Fisher, A. (1990):**
Ovarian hyperstimulation syndrome and cerebrovascular accidents. *Hum. Reprod.*; 5: 697-700.
- Robinson, S.; Rodin, D.A. and Deacon, A. (1992):**
Which hormone tests for the diagnosis of polycystic ovary syndrome. *Br. J. Obstet. Gynecol.*; 99: 232-236.
- **Rodin, A.; Thakkar, H. and Taylor, N. (1994):**
Hyperandrogenism in polycystic ovary syndrome-evidence of dysregulation of 11 β -hydroxysteroid dehydrogenase. *N. Engl. J. Med.*; 330: 460-463.
- **Rosenfield, R.L.; Barnes, R.B.; Cara, J.F. and Lucky, A.W. (1990):**
Dysregulation of cytochrome P450c17 alpha as the cause of polycystic ovarian syndrome. *Fertil. Steril.*; 53: 785-791.
- Rossing, M.A.; Daling, J.R.; Weiss, N.S.; Moee, .E. and Self, S.G. (1994):**
Ovarian tumours in a cohort of infertile women. *N. Engl. J. Med.*; 331: 771-776.
- Rottem, S.; Levit, N.; Thaler, I.; and Yoffe, N. (1990):**
Classification of ovarian lesions by high frequency transvaginal sonography, *J. Clin. Ultrasound*; 18: 359-363.
- Roozenburg, B.J.; Van Dessel, H.J.H.M. and Evers, J.L.H. (1997):**
Successful induction of ovulation in normogonadotropin clomiphene resistant anovulatory women by combined Naltrexone and clomiphene citrate treatment. *Hum. Reprod.*; 12: 1720-1722.
- Ryley, N.; Forman, R.; Barlow, D.; Fleming, K. and Trowell, J. (1990):**
Liver abnormality in ovarian hyperstimulation syndrome. *Hum. Reprod.*; 5: 938-942.
- Sabbagha, R.E.; Cohen, L.S. and Crocker, L. (1994):**
Sonography of the uterus: Vaginal approach. In: *Diagnostic Ultrasound Applied to Obstetrics and Gynecology*, 3rd ed., Eds., Robet, J.B., Kiddy, D.S. and Blackard, W.G., Lippincott Company, Philadelphia, p-p. 105-111.

- Sakata, M.; Tasaka, K.; Kurachi, H. and Tanizawa, O. (1990):**
Change of bioactive luteinizing hormone after laparoscopic ovarian cautery in patients with polycystic ovaries. *Fertil. Steril.*; 53: 610-614.
- Salem, A. and El-Bramawy, A. (1995):**
Transvaginal ultrasonic guided follicular aspiration for ovulation induction in polycystic ovarian disease. *Egypt. J. Med. Lab. Sci.*; 4: 117-123.
- Schenker, J. (1993):**
Prevention and treatment of ovarian hyperstimulation syndrome. *Hum. Reprod.*; 8: 653-658.
- Schenker, J. and Polishuk, W. (1976):**
The role of prostaglandins in ovarian hyperstimulation syndrome. *Obst. Gynecol., Survey*; 31: 742-745.
- **Senoz, S.; Ozaksit, G. and Turhan, N. (1994):**
Lipid profiles in women with hisutism and polycystic ovaries. *Gynecol. Endocrinol.*; 8: 33-37.
- Shapiro, A.; Thomas, T. and Epstein, M. (1977):**
Management of hyperstimulation syndrome. *Fertil. Steril.*; 28: 237-241.
- Shawki, H.; Shawki, O.; Zaki, S.; Hakam, A.; Nahas, F.; Badraoui, M.H.; Abd Rawi, H.; Fayad, H. (1998):**
Effect of laparoscopic ovarian drilling in polycystic ovarian disease on ovarian blood flow. *Egypt J. Fertil. Steril.*; 2: 55-58.
- Sher, G.; Salem, R.; Feinman, M.; Dodge, S.; Zouves, C. and Knutzen, V. (1993):**
Eliminating the risks of life-endangering complications following overstimulation with menotropin fertility agents: a report on women undergoing in vitro fertilization and embryo transfer. *Obst. Gynecol.*; 81: 1009-1013.
- **Singh, K.B.; Mahajan, D.K. and Wortsman, J. (1994):**
Effect of obesity on clinical and hormonal characteristics of the polycystic ovary syndrome. *J. Reprod. Med.*; 39: 805-808.

- Stein, I. and Leventhal, M. (1935):**
Amenorrhea associated with bilateral polycystic ovaries. *Am. J. Obst. Gynecol.*; 29: 181-184.
- Suginami, H.; Yano, K. and Kitagawa, K. (1993):**
Clomiphene citrate and tamoxifen citrate combination therapy: A novel therapy for ovulation induction. *Fertil. Steril.*; 59: 975-981.
- Takahashi, K.; Eda, Y. and Abu-Musa, A. (1994):**
Transvaginal ultrasound imaging, histopathology and endocrinopathy in patients with polycystic ovarian syndrome. *Hum. Reprod.*; 9: 1231-1236.
- Takahashi, K.; Uchida, A. and Yamasaki, H. (1994):**
Transvaginal ultrasonic assessment of the response to clomiphene citrate in polycystic ovarian syndrome. *Fertil. Steril.*; 62: 48-53.
- Takahashi, T.; Eda, Y. and Okada, S. (1993):**
Morphological assessment of polycystic ovaries using transvaginal ultrasound. *Hum. Reprod.*; 6: 844-489.
- Takahashi, K.; Yoshino, K.; Eda, Y. and Kitao, M. (1992):**
Prevalence of polycystic ovaries by transvaginal ultrasound and serum androgen. *Int. J. Fertil.*; 37: 290-294.
- Tanbo, T.; Dale, P.O. and Kjekshus, E. (1990):**
Stimulation with human menopausal gonadotropin versus follicle stimulating hormone after pituitary suppression in polycystic ovarian syndrome. *Fertil. Steril.*; 53: 798-803.
- Taylor, S.I.; Dons, R.F.; Hernandez, E.; Roth, J. and Gorden, P. (1990):**
Insulin resistance associated with androgen excess in women with autoantibodies to the insulin receptor. *Ann. Intern. Med.*; 97: 851-5.
- Timor-Tritsch, I.; Rottem, S. and Lewit, N. (1991):**
The fallopian tubes. In: *Transvaginal Sonography*, 2nd ed., Eds. Timor-Tritsch, I.E. and Rottom, S., El-Seiver Publishing, New York, p-p. 131-140.

- **Tropeano, G.; Vuolo, I.P. and Lucisano, A. (1996):**
Gonadotropin levels in women with polycystic ovary syndrome: their relationship to body weight and insulin levels. *J. Endocrinol. Invest.*; 19: 139-145.
- Tulandi, T.; Watkin, K.; Lintan, S. (1997):**
Reproductive performance and three-dimensional ultrasound volume determination of polycystic ovaries following laparoscopic ovarian drilling. *Int. J. Fertil.*; 5: 436-440.
- Turhan, N.O.; Zenoz, S.; Gulekli, B.; Ozaksit, G.; Oral, H. and Gokmen, O. (1993):**
Clinical and endocrine features of ultrasound diagnosed polycystic ovary patients: The correlation between ovarian volume and androgen activity. *J. Pak. Md. Assoc.*; 34: 4-9.
- **Turner, E.; Watson, M. and Perry, L. (1992):**
Investigation of adrenal function in women with oligomenorrhea and hirsutism (Clinical PCOS) from the north-east of England using an adrenal stimulation test. *Clin. Endocrinol.*; 36: 389-393.
- Velazquez, E.; Acosta, A. and Mendoza, S.G. (1997):**
Menstrual cyclicity after metformin therapy in polycystic ovary syndrome. *Obstet. Gynecol.*; 90: 392-395.
- Watkin, K.; Murray, C. and Mathur, S. (1996):**
Reproductive performance and three-dimension ultrasound volume determination of polycystic ovaries after laparoscopic ovarian drilling. *J. Am. Assoc. Gynecol. Laparosc.*; 4: 50-51.
- **Willis, D.; Mason, H.; Gilling Smith, C. and Franks, S. (1996):**
Modulation by insulin of follicle stimulating hormone and luteinizing hormone actions in human granulosa cells of normal and polycystic ovaries. *J. Clin. Endocrinol. Metab.*; 81: 302-309.
- Wu, T.C.J.; Gelety, T.J. and Jih, H.M. (1992):**
Successful management of predicted severe ovarian hyperstimulation syndrome with gonadotropin releasing hormone agonist. *J. Assist. Reprod. Genet.*; 9: 281-283.

- **Yen, S. (1980):**
The polycystic ovary syndrome. Clin. Endocrinol.; 12: 177-181.

- Zaidi, J. and Tan, S.L. (1996):**
Advances in the use of ultrasound in infertility management. Curr. Opin. Obstet. Gynecol.; 8: 161-165.

- Zaidi, J.; Barber, J. and Kyei Mensah, A. (1996):**
Relationship of ovarian stromal blood flow at the baseline ultrasound scan to subsequent follicular response in an in vitro fertilization program. Obstet. Gynecol.; 88: 779-784.

- Zimmer, E.Z.; Timor-Tritsch, I.E. and Rottem, S.A. (1991):**
Transvaginal sonography techniques. In: Transvaginal Sonography, 2nd ed., Eds. Timor-Tritsch, I.E. and Rottom, S., El-Seiver Publishing, New York, p-p. 69-85.

- **Zullo, F.; Di Carlo, C. and Pellicano, M. (1996):**
Superovulation with urinary human follicle-stimulating hormone correlation with body mass index and body fat distribution. Gynecol. Endocrinol.; 10:17-21.