

Title	Authors	Details	PMID
Pregnancy outcome and cost-effectiveness comparisons of artificial cycle-prepared frozen embryo transfer with or without GnRH agonist pretreatment for polycystic ovary syndrome: a randomised controlled trial	Luo L, Chen M, Wen Y, Zhang L, Zhou C, Wang Q.	BJOG. 2021 Mar;128(4):667-674. doi: 10.1111/1471-0528.16461. Epub 2020 Sep 6.	PMID:32783367
Letrozole versus clomiphene citrate for ovulation induction in anovulatory women with polycystic ovarian syndrome: A randomized controlled trial	Bansal S, Goyal M, Sharma C, Shekhar S.	Int J Gynaecol Obstet. 2021 Mar;152(3):345-350. doi: 10.1002/ijgo.13375. Epub 2020 Oct 14.	PMID:32920843
Effects of curcumin supplementation on blood glucose, insulin resistance and androgens in patients with polycystic ovary syndrome: A randomized double-blind placebo-controlled clinical trial	Heshmati J, Moini A, Sepidarkish M, Morvaridzadeh M, Salehi M, Palmowski A, Mojtahedi MF, Shidfar F.	Phytomedicine. 2021 Jan;80:153395. doi: 10.1016/j.phymed.2020.153395. Epub 2020 Oct 22.	PMID:33137599
The effect of concentrated pomegranate juice consumption on risk factors of cardiovascular diseases in women with polycystic ovary syndrome: A randomized controlled trial	Abedini M, Ghasemi-Tehrani H, Tarrahi MJ, Amani R.	Phytother Res. 2021 Jan;35(1):442-451. doi: 10.1002/ptr.6820. Epub 2020 Aug 7.	PMID:32767710
Weight Reduction Through a Cognitive Behavioral Therapy Lifestyle Intervention in PCOS: The Primary Outcome of a Randomized Controlled Trial	Jiskoot G, Timman R, Beerthuizen A, Dietz de Loos A, Busschbach J, Laven J.	Obesity (Silver Spring). 2020 Nov;28(11):2134-2141. doi: 10.1002/oby.22980. Epub 2020 Sep 23.	PMID:32969197
Growth hormone alleviates oxidative stress and improves oocyte quality in Chinese women with polycystic ovary syndrome: a randomized controlled trial	Gong Y, Luo S, Fan P, Jin S, Zhu H, Deng T, Quan Y, Huang W.	Sci Rep. 2020 Oct 30;10(1):18769. doi: 10.1038/s41598-020-75107-4.	PMID:33127971
Clinical and Metabolic Responses to Magnesium Supplementation in Women	Farsinejad-Marj M, Azadbakht L, Mardanian	Biol Trace Elem Res. 2020 Aug;196(2):349-358. doi:	PMID:31960275

with Polycystic Ovary Syndrome	F, Saneei P, Esmailzadeh A.	10.1007/s12011-019-01923-z. Epub 2020 Jan 20.	
Effects of Selenium Supplementation on Asymmetric Dimethylarginine and Cardiometabolic Risk Factors in Patients with Polycystic Ovary Syndrome	Rashidi BH, Mohammad Hosseinzadeh F, Alipoor E, Asghari S, Yekaninejad MS, Hosseinzadeh-Attar MJ.	Biol Trace Elem Res. 2020 Aug;196(2):430-437. doi: 10.1007/s12011-019-01954-6. Epub 2019 Oct 31.	PMID:31667685
Effects of oral contraceptives on the quality of life of women with polycystic ovary syndrome: a crossover randomized controlled trial	Amiri M, Nahidi F, Yarandi RB, Khalili D, Tohidi M, Tehrani FR.	Health Qual Life Outcomes. 2020 Aug 31;18(1):293. doi: 10.1186/s12955-020-01544-4.	PMID:32867790
High dose of d-chiro-inositol improves oocyte quality in women with polycystic ovary syndrome undergoing ICSI: a randomized controlled trial	Mendoza N, Galan MI, Molina C, Mendoza-Tesarik R, Conde C, Mazheika M, Diaz-Ropero MP, Fonolla J, Tesarik J, Olivares M.	Gynecol Endocrinol. 2020 May;36(5):398-401. doi: 10.1080/09513590.2019.1681959. Epub 2019 Oct 26.	PMID:31657275
The effect of synbiotics supplementation on anthropometric indicators and lipid profiles in women with polycystic ovary syndrome: a randomized controlled trial	Karimi E, Heshmati J, Shirzad N, Vesali S, Hosseinzadeh-Attar MJ, Moini A, Sepidarkish M.	Lipids Health Dis. 2020 Apr 6;19(1):60. doi: 10.1186/s12944-020-01244-4.	PMID:32248805
The effects of curcumin supplementation on oxidative stress, Sirtuin-1 and peroxisome proliferator activated receptor γ coactivator 1α gene expression in polycystic ovarian syndrome (PCOS) patients: A randomized placebo-controlled clinical trial	Heshmati J, Golab F, Morvaridzadeh M, Potter E, Akbari-Fakhrabadi M, Farsi F, Tanbakooei S, Shidfar F.	Diabetes Metab Syndr. 2020 Mar-Apr;14(2):77-82. doi: 10.1016/j.dsx.2020.01.002. Epub 2020 Jan 8.	PMID:31991296
Effect of amlodipine on blood flow of preovulatory follicle in women with clomiphene resistant polycystic ovaries: a randomized controlled trial	Torky HA, Shata A, Ahmad AM, Ragab M, Abo-Louz A, Hussein A, Aly R.	Arch Gynecol Obstet. 2020 Mar;301(3):845-850. doi: 10.1007/s00404-020-05471-z. Epub 2020 Feb 29.	PMID:32112181
The role of Letrozole (LE) in controlled	Tshzmachyan R,	J Gynecol Obstet Hum Reprod. 2020	PMID:31563697

ovarian stimulation (COS) in patients at high risk to develop ovarian hyper stimulation syndrome (OHSS). A prospective randomized controlled pilot study	Hambartsoumian E.	Feb;49(2):101643. doi: 10.1016/j.jogoh.2019.101643. Epub 2019 Sep 26.	
Differential Impact of Insulin Sensitizers vs. Anti-Androgen on Serum Leptin Levels in Vitamin D Replete PCOS Women: A Six Month Open Labeled Randomized Study	Rashid A, Ganie MA, Wani IA, Bhat GA, Shaheen F, Wani IA, Shrivastava M, Shah ZA.	Horm Metab Res. 2020 Feb;52(2):89-94. doi: 10.1055/a-1084-5441. Epub 2020 Feb 13.	PMID:32053841
Efficacy of Salvia officinalis extract on the prevention of insulin resistance in euglycemic patients with polycystic ovary syndrome: A double-blinded placebo-controlled clinical trial	Amini L, Mojab F, Jahanfar S, Sepidarkish M, Raoofi Z, Maleki-Hajiagha A.	Complement Ther Med. 2020 Jan;48:102245. doi: 10.1016/j.ctim.2019.102245. Epub 2019 Nov 13.	PMID:31987228
The effects of flaxseed supplementation on metabolic status in women with polycystic ovary syndrome: a randomized open-labeled controlled clinical trial	Haidari F, Banaei-Jahromi N, Zakerkish M, Ahmadi K.	Nutr J. 2020 Jan 24;19(1):8. doi: 10.1186/s12937-020-0524-5.	PMID:31980022
Letrozole and human menopausal gonadotropin for ovulation induction in clomiphene resistance polycystic ovary syndrome patients: A randomized controlled study	Shi S, Hong T, Jiang F, Zhuang Y, Chen L, Huang X.	Medicine (Baltimore). 2020 Jan;99(4):e18383. doi: 10.1097/MD.00000000000018383.	PMID:31977842
Comparing the individual effects of metformin and rosiglitazone and their combination in obese women with polycystic ovary syndrome: a randomized controlled trial	Li Y, Tan J, Wang Q, Duan C, Hu Y, Huang W.	Fertil Steril. 2020 Jan;113(1):197-204. doi: 10.1016/j.fertnstert.2019.09.011. Epub 2019 Nov 9.	PMID:31718828
Sitagliptin Decreases Visceral Fat and Blood Glucose in Women With Polycystic Ovarian Syndrome	Devin JK, Nian H, Celedonio JE, Wright P, Brown NJ.	J Clin Endocrinol Metab. 2020 Jan 1;105(1):136-51. doi: 10.1210/clinem/dgz028.	PMID:31529097
Resveratrol treatment in patients with	Brenjian S, Moini A,	Am J Reprod Immunol. 2020	PMID:31483910

polycystic ovary syndrome decreased pro-inflammatory and endoplasmic reticulum stress markers	Yamini N, Kashani L, Faridmojtahedi M, Bahramrezaie M, Khodarahmian M, Amidi F.	Jan;83(1):e13186. doi: 10.1111/aji.13186. Epub 2019 Nov 3.	
Effect of Metformin on Microvascular Endothelial Function in Polycystic Ovary Syndrome	Heidari B, Lerman A, Lalia AZ, Lerman LO, Chang AY.	Mayo Clin Proc. 2019 Dec;94(12):2455-2466. doi: 10.1016/j.mayocp.2019.06.015.	PMID:31806099
The effects of curcumin supplementation on glycemic status, lipid profile and hs-CRP levels in overweight/obese women with polycystic ovary syndrome: A randomized, double-blind, placebo-controlled clinical trial	Sohaei S, Amani R, Tarrahi MJ, Ghasemi-Tehrani H.	Complement Ther Med. 2019 Dec;47:102201. doi: 10.1016/j.ctim.2019.102201. Epub 2019 Sep 26.	PMID:31780025
Treatment with Metformin and Combination of Metformin Plus Pioglitazone on Serum Levels of IL-6 and IL-8 in Polycystic Ovary Syndrome: A Randomized Clinical Trial	Ali DE, Shah M, Ali A, Malik MO, Rehman F, Badshah H, Ehtesham E, Vitale SG.	Horm Metab Res. 2019 Nov;51(11):714-722. doi: 10.1055/a-1018-9606. Epub 2019 Nov 4.	PMID:31683341
Randomized controlled trial of N-acetylcysteine versus l-carnitine among women with clomiphene-citrate-resistant polycystic ovary syndrome	El Sharkwy IA, Abd El Aziz WM.	Int J Gynaecol Obstet. 2019 Oct;147(1):59-64. doi: 10.1002/ijgo.12902. Epub 2019 Jul 17.	PMID:31273783
A new look at low-dose aspirin: Co-administration with tamoxifen in ovulation induction in anovulatory PCOS women	Aref NK, Ahmed WAS, Ahmed MR, Sedik WF.	J Gynecol Obstet Hum Reprod. 2019 Oct;48(8):673-675. doi: 10.1016/j.jogoh.2019.02.004. Epub 2019 Feb 23.	PMID:30807853
Kuntai capsules improve glucolipid metabolism in patients with polycystic ovary syndrome: A randomized, double-blind, placebo-controlled trial	Liang R, Liu Z, Li P, Fan P, Xu L, Sun X, Peng J, Peng X, Zhang M.	Medicine (Baltimore). 2019 Sep;98(39):e16788. doi: 10.1097/MD.00000000000016788.	PMID:31574794
Effect of phlebotomy versus oral contraceptives containing cyproterone	Behboudi-Gandevani S, Abtahi H, Saadat N,	J Ovarian Res. 2019 Aug 30;12(1):78. doi: 10.1186/s13048-019-0554-9.	PMID:31470879

acetate on the clinical and biochemical parameters in women with polycystic ovary syndrome: a randomized controlled trial	Tohidi M, Ramezani Tehrani F.		
Effects of resveratrol on VEGF & HIF1 genes expression in granulosa cells in the angiogenesis pathway and laboratory parameters of polycystic ovary syndrome: a triple-blind randomized clinical trial	Bahramrezaie M, Amidi F, Aleyasin A, Saremi A, Aghahoseini M, Brenjian S, Khodarahmian M, Pooladi A.	J Assist Reprod Genet. 2019 Aug;36(8):1701-1712. doi: 10.1007/s10815-019-01461-6. Epub 2019 Jul 21.	PMID:31327131
The comparison of fennel infusion plus dry cupping versus metformin in management of oligomenorrhoea in patients with polycystic ovary syndrome: a randomised clinical trial.	Mokaberinejad R, Rampisheh Z, Aliasl J, Akhtari E.	J Obstet Gynaecol. 2019 Jul;39(5):652-658. doi: 10.1080/01443615.2018.1541232. Epub 2019 Mar 11.	PMID:30856025
The myo-inositol effect on the oocyte quality and fertilization rate among women with polycystic ovary syndrome undergoing assisted reproductive technology cycles: a randomized clinical trial.	Akbari Sene A, Tabatabaie A, Nikniaz H, Alizadeh A, Sheibani K, Mortezapour Alisaraie M, Tabatabaie M, Ashrafi M, Amjadi F.	Arch Gynecol Obstet. 2019 Jun;299(6):1701-1707. doi: 10.1007/s00404-019-05111-1. Epub 2019 Mar 27.	PMID:30919036
Effects of empagliflozin on metabolic parameters in polycystic ovary syndrome: A randomized controlled study.	Javed Z, Papageorgiou M, Deshmukh H, Rigby AS, Qamar U, Abbas J, Khan AY, Kilpatrick ES, Atkin SL, Sathyapalan T.	Clin Endocrinol (Oxf). 2019 Jun;90(6):805-813. doi: 10.1111/cen.13968. Epub 2019 Apr 2.	PMID:30866088
The efficacy of Tung's acupuncture for sex hormones in polycystic ovary syndrome: A randomized controlled trial.	Cao Y, Chen H, Zhao D, Zhang L, Yu X, Zhou X, Liu Z.	Complement Ther Med. 2019 Jun;44:182-188. doi: 10.1016/j.ctim.2019.04.016. Epub 2019 Apr 24.	PMID:31126554
The impact of a standardized micronutrient supplementation on PCOS-typical parameters: a randomized controlled trial.	Hager M, Nouri K, Imhof M, Egarter C, Ott J.	Arch Gynecol Obstet. 2019 May 17. doi: 10.1007/s00404-019-05194-w. [Epub ahead of print]	PMID:31101977

Comparison of endometrial receptivity of clomiphene citrate versus letrozole in women with polycystic ovary syndrome: a randomized controlled study.	Wang L, Wen X, Lv S, Zhao J, Yang T, Yang X.	Gynecol Endocrinol. 2019 May 12:1-4. doi: 10.1080/09513590.2019.1612358. [Epub ahead of print]	PMID:31081404
Comparison of myo-inositol and metformin on glycemic control, lipid profiles, and gene expression related to insulin and lipid metabolism in women with polycystic ovary syndrome: a randomized controlled clinical trial.	Shokrpour M, Foroozanfard F, Afshar Ebrahimi F, Vahedpoor Z, Aghadavod E, Ghaderi A, Asemi Z.	Gynecol Endocrinol. 2019 May;35(5):406-411. doi: 10.1080/09513590.2018.1540570. Epub 2019 Jan 4.	PMID:30608001
Effects of melatonin administration on mental health parameters, metabolic and genetic profiles in women with polycystic ovary syndrome: A randomized, double-blind, placebo-controlled trial.	Shabani A, Foroozanfard F, Kavossian E, Aghadavod E, Ostadmohammadi V, Reiter RJ, Eftekhar T, Asemi Z.	J Affect Disord. 2019 May 1;250:51-56. doi: 10.1016/j.jad.2019.02.066. Epub 2019 Feb 26.	PMID:30831541
Effects of Chromium and Carnitine Co-supplementation on Body Weight and Metabolic Profiles in Overweight and Obese Women with Polycystic Ovary Syndrome: a Randomized, Double-Blind, Placebo-Controlled Trial.	Jamilian M, Foroozanfard F, Kavossian E, Kia M, Aghadavod E, Amirani E, Asemi Z.	Biol Trace Elem Res. 2019 Apr 11. doi: 10.1007/s12011-019-01720-8. [Epub ahead of print]	PMID:30977089
The Effects of Selenium Supplementation on Clinical Symptoms and Gene Expression Related to Inflammation and Vascular Endothelial Growth Factor in Infertile Women Candidate for In Vitro Fertilization.	Heidar Z, Hamzepour N, Zadeh Modarres S, Mirzamoradi M, Aghadavod E, Pourhanifeh MH, Asemi Z.	Biol Trace Elem Res. 2019 Apr 8. doi: 10.1007/s12011-019-01715-5. [Epub ahead of print]	PMID:30963410
Omega-3 and vitamin E co-supplementation can improve antioxidant markers in obese/overweight women with polycystic ovary syndrome.	Sadeghi F, Alavi-Naeini A, Mardanian F, Ghazvini MR, Mahaki B.	Int J Vitam Nutr Res. 2019 Apr 8:1-7. doi: 10.1024/0300-9831/a000588. [Epub ahead of print]	PMID:30961460
The effectiveness of inositol and	Pourghasem S,	Arch Gynecol Obstet. 2019	PMID:30847561

metformin on infertile polycystic ovary syndrome women with resistant to letrozole.	Bazarganipour F, Taghavi SA, Kutenae MA.	Apr;299(4):1193-1199. doi: 10.1007/s00404-019-05064-5. Epub 2019 Feb 5.	
Use of metformin to treat pregnant women with polycystic ovary syndrome (PregMet2): a randomised, double-blind, placebo-controlled trial.	Tone S Løvvik , Sven M Carlsen , Øyvind Salvesen , Berglind Steffensen , Marie Bixo, Francisco Gómez-Real , Marianne Lønnebotn , Kristin V Hestvold , Renata Zabielska , Angelica L Hirschberg, Anastasia Trouva, Solveig Thorarinsdottir, Sissel Hjelle, Ann Hilde Berg, Frida Andræ, Inger S Poromaa, Johanna Mohlin, Maria Underdal, Eszter Vanky	Lancet Diabetes Endocrinol. 2019 Apr;7(4):256-266. doi: 10.1016/S2213-8587(19)30002-6. Epub 2019 Feb 18.	PMID:30792154
Circulating zinc-α2-glycoprotein is reduced in women with polycystic ovary syndrome, but can be increased by exenatide or metformin treatment.	Zheng S, Liu E, Zhang Y, Long T, Liu X, Gong Y, Mai T, Shen H, Chen H, Lin R, Zheng Y, Xie Y, Wang F.	Endocr J. 2019 Mar 26. doi: 10.1507/endocrj.EJ18-0153. [Epub ahead of print]	PMID:30918134
Comparison of the effect of two combinations of myo-inositol and D-chiro-inositol in women with polycystic ovary syndrome undergoing ICSI: a randomized controlled trial.	Mendoza N, Diaz-Ropero MP, Aragon M, Maldonado V, Llaneza P, Lorente J, Mendoza-Tesarik R, Maldonado-Lobon J, Olivares M, Fonolla J.	Gynecol Endocrinol. 2019 Mar 16:1-6. doi: 10.1080/09513590.2019.1576620. [Epub ahead of print]	PMID:30880505
Carnitine and chromium co-supplementation affects mental health, hormonal, inflammatory, genetic, and	Jamilian M, Foroozanfard F, Kavossian E, Aghadavod E, Amirani E,	J Psychosom Obstet Gynaecol. 2019 Mar 5:1-9. doi: 10.1080/0167482X.2018.1557144.	PMID:30835597

oxidative stress parameters in women with polycystic ovary syndrome.	Mahdavinia M, Mafi A, Asemi Z.	[Epub ahead of print]	
Improved menstrual function in obese women with polycystic ovary syndrome after behavioural modification intervention-A randomized controlled trial.	Oberg E, Gidlöf S, Jakson I, Mitsell M, Tollet Egnell P, Hirschberg AL.	Clin Endocrinol (Oxf). 2019 Mar;90(3):468-478. doi: 10.1111/cen.13919. Epub 2019 Jan 15.	PMID:30565716
The effect of resistant dextrin as a prebiotic on metabolic parameters and androgen level in women with polycystic ovarian syndrome: a randomized, triple-blind, controlled, clinical trial.	Gholizadeh Shamasbi S, Dehgan P, Mohammad-Alizadeh Charandabi S, Aliasgarzadeh A, Mirghafourvand M.	Eur J Nutr. 2019 Mar;58(2):629-640. doi: 10.1007/s00394-018-1648-7. Epub 2018 Feb 26.	PMID:29480399
Randomised controlled trial to study the efficacy of exercise with and without metformin on women with polycystic ovary syndrome.	Tiwari N, Pasrija S, Jain S.	Eur J Obstet Gynecol Reprod Biol. 2019 Mar;234:149-154. doi: 10.1016/j.ejogrb.2018.12.021. Epub 2019 Jan 4.	PMID:30690191
Effects of three treatment modalities (diet, myoinositol or myoinositol associated with D-chiro-inositol) on clinical and body composition outcomes in women with polycystic ovary syndrome.	Le Donne M, Metro D, Alibrandi A, Papa M, Benvenga S.	Eur Rev Med Pharmacol Sci. 2019 Mar;23(5):2293-2301. doi: 10.26355/eurrev_201903_17278.	PMID:30915778
A randomized controlled trial of combination letrozole and clomiphene citrate or letrozole alone for ovulation induction in women with polycystic ovary syndrome.	Mejia RB, Summers KM, Kresowik JD, Van Voorhis BJ.	Fertil Steril. 2019 Mar;111(3):571-578.e1. doi: 10.1016/j.fertnstert.2018.11.030. Epub 2019 Jan 22.	PMID:30683591
Effect of low-dose aspirin on the development of ovarian hyperstimulation syndrome and outcomes of assisted reproductive techniques in the women with PCOS, a randomized double-blinded clinical trial.	Namavar Jahromi B, Zolghadri J, Rahmani E, Alipour S, Anvar Z, Zarei A, Keramati P.	Taiwan J Obstet Gynecol. 2019 Mar;58(2):255-260. doi: 10.1016/j.tjog.2019.01.016.	PMID:30910149
L-Carnitine plus metformin in	El Sharkwy I, Sharaf El-	Gynecol Endocrinol. 2019 Feb 26:1-5.	PMID:30806102

clomiphene-resistant obese PCOS women, reproductive and metabolic effects: a randomized clinical trial.	Din M.	doi: 10.1080/09513590.2019.1576622. [Epub ahead of print]	
The Effect of Magnesium and Vitamin E Co-Supplementation on Glycemic Control and Markers of Cardio-Metabolic Risk in Women with Polycystic Ovary Syndrome: A Randomized, Double-Blind, Placebo-Controlled Trial.	Jamilian M, Sabzevar NK, Asemi Z.	Horm Metab Res. 2019 Feb;51(2):100-105. doi: 10.1055/a-0749-6431. Epub 2018 Oct 4.	PMID:30286483
Hormonal and Metabolic Effects of Coenzyme Q10 and/or Vitamin E in Patients With Polycystic Ovary Syndrome.	Izadi A, Ebrahimi S, Shirazi S, Taghizadeh S, Parizad M, Farzadi L, Gargari BP.	J Clin Endocrinol Metab. 2019 Feb 1;104(2):319-327. doi: 10.1210/jc.2018-01221.	PMID:30202998
Effect of synbiotic pomegranate juice on glycemic, sex hormone profile and anthropometric indices in PCOS: A randomized, triple blind, controlled trial.	Esmaeilnezhad Z, Babajafari S, Sohrabi Z, Eskandari MH, Amooee S, Barati-Boldaji R.	Nutr Metab Cardiovasc Dis. 2019 Feb;29(2):201-208. doi: 10.1016/j.numecd.2018.07.002. Epub 2018 Jul 17.	PMID:30538082
Vitamin D and probiotic co-supplementation affects mental health, hormonal, inflammatory and oxidative stress parameters in women with polycystic ovary syndrome.	Ostadmohammadi V, Jamilian M, Bahmani F, Asemi Z.	J Ovarian Res. 2019 Jan 21;12(1):5. doi: 10.1186/s13048-019-0480-x.	PMID:30665436 PMCID:PMC6340184
A Randomized, Controlled Trial of Vitamin D Supplementation on Cardiovascular Risk Factors, Hormones, and Liver Markers in Women with Polycystic Ovary Syndrome.	Javed Z, Papageorgiou M, Deshmukh H, Kilpatrick ES, Mann V, Corless L, Abouda G, Rigby AS, Atkin SL, Sathyapalan T.	Nutrients. 2019 Jan 17;11(1). pii: E188. doi: 10.3390/nu11010188.	PMID:30658483 PMCID:PMC6356309
The Effects of Magnesium and Vitamin E Co-Supplementation on Hormonal Status and Biomarkers of Inflammation and Oxidative Stress in Women with Polycystic Ovary Syndrome.	Shokrpour M, Asemi Z.	Biol Trace Elem Res. 2018 Dec 18. doi: 10.1007/s12011-018-1602-9. [Epub ahead of print]	PMID:30565017
Long-term effects of combined simvastatin and metformin treatment on	Seyam E, Hefzy E.	Gynecol Endocrinol. 2018 Dec;34(12):1073-1080. doi:	PMID:30044162

the clinical abnormalities and ovulation dysfunction in single young women with polycystic ovary syndrome.		10.1080/09513590.2018.1490405. Epub 2018 Jul 25.	
The Effects of Chromium Supplementation on Gene Expression of Insulin, Lipid, and Inflammatory Markers in Infertile Women With Polycystic Ovary Syndrome Candidate for in vitro Fertilization: A Randomized, Double-Blinded, Placebo-Controlled Trial.	Amiri Siavashani M, Zadeh Modarres S, Mirhosseini N, Aghadavod E, Salehpour S, Asemi Z.	Front Endocrinol (Lausanne). 2018 Nov 28;9:726. doi: 10.3389/fendo.2018.00726. eCollection 2018.	PMID:30546347 PMCID:PMC6279845
The Effects of Omega-3 and Vitamin E Co-supplementation on Carotid Intima-media Thickness and Inflammatory Factors in Patients with Polycystic Ovary Syndrome.	Talari HR, Poladchang S, Hamidian Y, Samimi M, Gilasi HR, Ebrahimi FA, Asemi Z.	Oman Med J. 2018 Nov;33(6):473-479. doi: 10.5001/omj.2018.88.	PMID:30410689 PMCID:PMC6206428
The effects of quercetin supplementation on metabolic and hormonal parameters as well as plasma concentration and gene expression of resistin in overweight or obese women with polycystic ovary syndrome.	Khorshidi M, Moini A, Alipoor E, Rezvan N, Gorgani-Firuzjaee S, Yaseri M, Hosseinzadeh-Attar MJ.	Phytother Res. 2018 Nov;32(11):2282-2289. doi: 10.1002/ptr.6166. Epub 2018 Jul 30.	PMID:30062709
Effect of Central Sympathoinhibition With Moxonidine on Sympathetic Nervous Activity in Polycystic Ovary Syndrome-A Randomized Controlled Trial.	Shorakae S, Lambert EA, Jona E, Ika Sari C, de Courten B, Dixon JB, Lambert GW, Teede HJ.	Front Physiol. 2018 Oct 25;9:1486. doi: 10.3389/fphys.2018.01486. eCollection 2018.	PMID:30410448 PMCID:PMC6210452
The effects of vitamin D supplementation on metabolic profiles and gene expression of insulin and lipid metabolism in infertile polycystic ovary syndrome candidates for in vitro fertilization.	Dastorani M, Aghadavod E, Mirhosseini N, Foroozanfard F, Zadeh Modarres S, Amiri Siavashani M, Asemi Z.	Reprod Biol Endocrinol. 2018 Oct 4;16(1):94. doi: 10.1186/s12958-018-0413-3.	PMID:30286768 PMCID:PMC6172745
Effect of 12-month treatment with metformin and/or oral contraceptives on	Altinok ML, Ravn P, Andersen M, Glintborg D.	Gynecol Endocrinol. 2018 Oct;34(10):859-863. doi:	PMID:29658344

health-related quality of life in polycystic ovary syndrome.		10.1080/09513590.2018.1460343. Epub 2018 Apr 16.	
The influences of vitamin D and omega-3 co-supplementation on clinical, metabolic and genetic parameters in women with polycystic ovary syndrome.	Jamilian M, Samimi M, Mirhosseini N, Afshar Ebrahimi F, Aghadavod E, Talaei R, Jafarnejad S, Hashemi Dizaji S, Asemi Z.	J Affect Disord. 2018 Oct 1;238:32-38. doi: 10.1016/j.jad.2018.05.027. Epub 2018 May 26.	PMID:29859385
A Comparison of a Pulse-Based Diet and the Therapeutic Lifestyle Changes Diet in Combination with Exercise and Health Counselling on the Cardio-Metabolic Risk Profile in Women with Polycystic Ovary Syndrome: A Randomized Controlled Trial.	Kazemi M, McBreaity LE, Chizen DR, Pierson RA, Chilibeck PD, Zello GA.	Nutrients. 2018 Sep 30;10(10). pii: E1387. doi: 10.3390/nu10101387.	PMID:30274344 PMCID:PMC6212867
The effects of fish oil omega-3 fatty acid supplementation on mental health parameters and metabolic status of patients with polycystic ovary syndrome: a randomized, double-blind, placebo-controlled trial.	Amini M, Bahmani F, Foroozanfard F, Vahedpoor Z, Ghaderi A, Taghizadeh M, Karbassizadeh H, Asemi Z.	J Psychosom Obstet Gynaecol. 2018 Sep 19;1-9. doi: 10.1080/0167482X.2018.1508282. [Epub ahead of print]	PMID:30230402
The effects of probiotic and selenium co-supplementation on parameters of mental health, hormonal profiles, and biomarkers of inflammation and oxidative stress in women with polycystic ovary syndrome.	Jamilian M, Mansury S, Bahmani F, Heidar Z, Amirani E, Asemi Z.	J Ovarian Res. 2018 Sep 14;11(1):80. doi: 10.1186/s13048-018-0457-1.	PMID:30217229 PMCID:PMC6137747
Effectiveness of cognitive-behavioral therapy (CBT) in improving the quality of life and psychological fatigue in women with polycystic ovarian syndrome: a randomized controlled clinical trial.	Abdollahi L, Mirghafourvand M, Babapour JK, Mohammadi M.	J Psychosom Obstet Gynaecol. 2018 Sep 3;1-11. doi: 10.1080/0167482X.2018.1502265. [Epub ahead of print]	PMID:30175648
The Influences of Chromium	Jamilian M, Zadeh	Biol Trace Elem Res. 2018	PMID:29307112

Supplementation on Glycemic Control, Markers of Cardio-Metabolic Risk, and Oxidative Stress in Infertile Polycystic ovary Syndrome Women Candidate for In vitro Fertilization: a Randomized, Double-Blind, Placebo-Controlled Trial.	Modarres S, Amiri Siavashani M, Karimi M, Mafi A, Ostadmohammadi V, Asemi Z.	Sep;185(1):48-55. doi: 10.1007/s12011-017-1236-3. Epub 2018 Jan 6.	
Early gonadotropin-releasing hormone antagonist protocol in women with polycystic ovary syndrome: A preliminary randomized trial.	Shin JJ, Park KE, Choi YM, Kim HO, Choi DH, Lee WS, Cho JH.	Clin Exp Reprod Med. 2018 Sep;45(3):135-142. doi: 10.5653/cerm.2018.45.3.135. Epub 2018 Sep 3.	PMID:30202744 PMCID:PMC6125151
The Effects of Magnesium and Zinc Co-Supplementation on Biomarkers of Inflammation and Oxidative Stress, and Gene Expression Related to Inflammation in Polycystic Ovary Syndrome: a Randomized Controlled Clinical Trial.	Afshar Ebrahimi F, Foroozanfard F, Aghadavod E, Bahmani F, Asemi Z.	Biol Trace Elem Res. 2018 Aug;184(2):300-307. doi: 10.1007/s12011-017-1198-5. Epub 2017 Nov 10.	PMID:29127547
The effect of dietary soy intake on weight loss, glycaemic control, lipid profiles and biomarkers of inflammation and oxidative stress in women with polycystic ovary syndrome: a randomised clinical trial.	Karamali M, Kashanian M, Alaeinasab S, Asemi Z.	J Hum Nutr Diet. 2018 Aug;31(4):533-543. doi: 10.1111/jhn.12545. Epub 2018 Feb 22.	PMID:29468748
Liraglutide increases IVF pregnancy rates in obese PCOS women with poor response to first-line reproductive treatments: a pilot randomized study.	Salamun V, Jensterle M, Janez A, Vrtacnik Bokal E.	Eur J Endocrinol. 2018 Jul;179(1):1-11. doi: 10.1530/EJE-18-0175. Epub 2018 Apr 27.	PMID:29703793
Cognitive-behavioral therapy improves weight loss and quality of life in women with polycystic ovary syndrome: a pilot randomized clinical trial.	Cooney LG, Milman LW, Hantsoo L, Kornfield S, Sammel MD, Allison KC, Epperson CN, Dokras A.	Fertil Steril. 2018 Jul 1;110(1):161-171.e1. doi: 10.1016/j.fertnstert.2018.03.028. Epub 2018 Jun 13.	PMID:29908771
Evaluation of prolonged use of statins on the clinical and biochemical abnormalities and ovulation dysfunction	Seyam E, Al Gelany S, Abd Al Ghaney A, Mohamed MAA, Youseff	Gynecol Endocrinol. 2018 Jul;34(7):589-596. doi: 10.1080/09513590.2017.1418853.	PMID:29258367

in single young women with polycystic ovary syndrome.	AM, Ibrahim EM, Khalifa EM, Hefzy E.	Epub 2017 Dec 19.	
Effects of clomiphene citrate for prevention of premature luteinizing hormone surge in those undergoing intrauterine insemination outcome: A randomized, double-blind, placebo-controlled trial.	Zarei A, Alborzi S, Askary E, Alborzi M, Shahbazi F.	J Adv Pharm Technol Res. 2018 Jul-Sep;9(3):87-93. doi: 10.4103/japtr.JAPTR_293_18.	PMID:30338234 PMCID:PMC6174701
Aerobic Training Improves Quality of Life in Women with Polycystic Ovary Syndrome.	Costa EC, DE SÃ; JCF, Stepto NK, Costa IBB, Farias-Junior LF, Moreira SDNT, Soares EMM, Lemos TMAM, Browne RAV, Azevedo GD.	Med Sci Sports Exerc. 2018 Jul;50(7):1357-1366. doi: 10.1249/MSS.0000000000001579.	PMID:29443823
Effects of vitamin D supplementation on metabolic and endocrine parameters in PCOS: a randomized-controlled trial.	Trummer C, Schwetz V, Kollmann M, Wölfler M, Münzker J, Pieber TR, Pilz S, Heijboer AC, Obermayer-Pietsch B, Lerchbaum E.	Eur J Nutr. 2018 Jun 26. doi: 10.1007/s00394-018-1760-8. [Epub ahead of print]	PMID:29946756
N-Acetylcysteine as an Adjuvant to Letrozole for Induction of Ovulation in Infertile Patients with Polycystic Ovary Syndrome.	Mostajeran F, Tehrani HG, Rahbary B.	Adv Biomed Res. 2018 Jun 25;7:100. doi: 10.4103/abr.abr_157_17. eCollection 2018.	PMID:30050888 PMCID:PMC6036781
Effect of Diane-35, alone or in combination with orlistat or metformin in Chinese polycystic ovary syndrome patients.	Ruan X, Song J, Gu M, Wang L, Wang H, Mueck AO.	Arch Gynecol Obstet. 2018 Jun;297(6):1557-1563. doi: 10.1007/s00404-018-4762-0. Epub 2018 Mar 30.	PMID:29602978
The Effects of Selenium Supplementation on Gene Expression Related to Insulin and Lipid in Infertile Polycystic Ovary Syndrome Women Candidate for In Vitro Fertilization: a Randomized, Double-Blind, Placebo-	Zadeh Modarres S, Heidar Z, Foroozanfard F, Rahmati Z, Aghadavod E, Asemi Z.	Biol Trace Elem Res. 2018 Jun;183(2):218-225. doi: 10.1007/s12011-017-1148-2. Epub 2017 Sep 5.	PMID:28875327

Controlled Trial.			
The effect of vitamin D supplementation on insulin resistance, visceral fat and adiponectin in vitamin D deficient women with polycystic ovary syndrome: a randomized placebo-controlled trial.	Seyyed Abootorabi M, Ayremlou P, Behroozi-Lak T, Nourisaeidlou S.	Gynecol Endocrinol. 2018 Jun;34(6):489-494. doi: 10.1080/09513590.2017.1418311. Epub 2017 Dec 22. Erratum in: Gynecol Endocrinol. 2018 Sep;34(9):740.	PMID:29271278
The effects of different therapeutic modalities on cardiovascular risk factors in women with polycystic ovary syndrome: A randomized controlled study.	Bodur S, Dundar O, Kanat-Pektas M, Kinci MF, Tutuncu L.	Taiwan J Obstet Gynecol. 2018 Jun;57(3):411-416. doi: 10.1016/j.tjog.2018.04.015.	PMID:29880175
Effect of orlistat or metformin in overweight and obese polycystic ovary syndrome patients with insulin resistance.	Song J, Ruan X, Gu M, Wang L, Wang H, Mueck AO.	Gynecol Endocrinol. 2018 May;34(5):413-417. doi: 10.1080/09513590.2017.1407752. Epub 2017 Nov 24.	PMID:29172796
The effect of vitamin D supplementation in combination with low-calorie diet on anthropometric indices and androgen hormones in women with polycystic ovary syndrome: a double-blind, randomized, placebo-controlled trial.	Jafari-Sfidvajani S, Ahangari R, Hozoori M, Mozaffari-Khosravi H, Fallahzadeh H, Nadjarzadeh A.	J Endocrinol Invest. 2018 May;41(5):597-607. doi: 10.1007/s40618-017-0785-9. Epub 2017 Nov 6.	PMID:29110281
Effect of chamomile capsule on lipid- and hormonal-related parameters among women of reproductive age with polycystic ovary syndrome.	Heidary M, Yazdanpanahi Z, Dabbaghmanesh MH, Parsanezhad ME, Emamghoreishi M, Akbarzadeh M.	J Res Med Sci. 2018 Apr 26;23:33. doi: 10.4103/jrms.JRMS_90_17. eCollection 2018.	PMID:29887901 PMCID:PMC5961291
The effects of synbiotic supplementation on hormonal status, biomarkers of inflammation and oxidative stress in subjects with polycystic ovary syndrome: a randomized, double-blind, placebo-controlled trial.	Nasri K, Jamilian M, Rahmani E, Bahmani F, Tajabadi-Ebrahimi M, Asemi Z.	BMC Endocr Disord. 2018 Apr 12;18(1):21. doi: 10.1186/s12902-018-0248-0.	PMID:29649996 PMCID:PMC5898079
Supplementation with omega-3 fatty	Mejia-Montilla J, Reyna-	Endocrinol Diabetes Nutr. 2018	PMID:29452758

acids and plasma adiponectin in women with polycystic ovary syndrome.	Villasmi E, Domínguez-Brito L, Naranjo-Rodríguez C, Noriega-Verdugo D, Padilla-Samaniego M, Vargas-Olalla V.	Apr;65(4):192-199. doi: 10.1016/j.endinu.2017.12.010. Epub 2018 Feb 13. English, Spanish.	
The Effects of Flaxseed Oil Omega-3 Fatty Acids Supplementation on Metabolic Status of Patients with Polycystic Ovary Syndrome: A Randomized, Double-Blind, Placebo-Controlled Trial.	Mirmasoumi G, Fazilati M, Foroozanfard F, Vahedpoor Z, Mahmoodi S, Taghizadeh M, Esfeh NK, Mohseni M, Karbassizadeh H, Asemi Z.	Exp Clin Endocrinol Diabetes. 2018 Apr;126(4):222-228. doi: 10.1055/s-0043-119751. Epub 2017 Nov 8.	PMID:29117618
Clomiphene citrate combined with metformin versus letrozole for induction of ovulation in clomiphene-resistant polycystic ovary syndrome: a randomized clinical trial.	Rezk M, Shaheen AE, Saif El-Nasr I.	Gynecol Endocrinol. 2018 Apr;34(4):298-300. doi: 10.1080/09513590.2017.1395838. Epub 2017 Oct 27.	PMID:29076376
Effectiveness of Laser Acupoints on Women With Polycystic Ovarian Syndrome: A Randomized Controlled Trial.	El-Shamy FF, El-Kholy SS, El-Rahman MMA.	J Lasers Med Sci. 2018 Spring;9(2):113-120. doi: 10.15171/jlms.2018.22. Epub 2018 Mar 20.	PMID:30026896 PMCID:PMC6046386
The effects of omega-3 and vitamin E co-supplementation on parameters of mental health and gene expression related to insulin and inflammation in subjects with polycystic ovary syndrome.	Jamilian M, Shojaei A, Samimi M, Afshar Ebrahimi F, Aghadavod E, Karamali M, Taghizadeh M, Jamilian H, Alaeinasab S, Jafarnejad S, Asemi Z.	J Affect Disord. 2018 Mar 15;229:41-47. doi: 10.1016/j.jad.2017.12.049. Epub 2017 Dec 28.	PMID:29306057
The Effects of Synbiotic Supplementation on Metabolic Status in Women With Polycystic Ovary Syndrome: a Randomized Double-Blind Clinical Trial.	Samimi M, Dadkhah A, Haddad Kashani H, Tajabadi-Ebrahimi M, Seyed Hosseini E, Asemi Z.	Probiotics Antimicrob Proteins. 2018 Mar 12. doi: 10.1007/s12602-018-9405-z. [Epub ahead of print]	PMID:29532416
Magnesium-Zinc-Calcium-Vitamin D Co-	Maktabi M, Jamilian M,	Biol Trace Elem Res. 2018	PMID:28668998

supplementation Improves Hormonal Profiles, Biomarkers of Inflammation and Oxidative Stress in Women with Polycystic Ovary Syndrome: a Randomized, Double-Blind, Placebo-Controlled Trial.	Asemi Z.	Mar;182(1):21-28. doi: 10.1007/s12011-017-1085-0. Epub 2017 Jul 1.	
The effects of fish oil on gene expression in patients with polycystic ovary syndrome.	Rahmani E, Jamilian M, Dadpour B, Nezami Z, Vahedpoor Z, Mahmoodi S, Aghadavod E, Taghizadeh M, Beiki Hassan A, Asemi Z.	Eur J Clin Invest. 2018 Mar;48(3). doi: 10.1111/eci.12893. Epub 2018 Feb 8.	PMID:29359480
The effects of coenzyme Q10 supplementation on gene expression related to insulin, lipid and inflammation in patients with polycystic ovary syndrome.	Rahmani E, Jamilian M, Samimi M, Zarezade Mehrizi M, Aghadavod E, Akbari E, Tamtaji OR, Asemi Z.	Gynecol Endocrinol. 2018 Mar;34(3):217-222. doi: 10.1080/09513590.2017.1381680. Epub 2017 Sep 26.	PMID:28949260
Combined Oral Contraception and Bicalutamide in Polycystic Ovary Syndrome and Severe Hirsutism: A Double-Blind Randomized Controlled Trial.	Moretti C, Guccione L, Di Giacinto P, Simonelli I, Exacoustos C, Toscano V, Motta C, De Leo V, Petraglia F, Lenzi A.	J Clin Endocrinol Metab. 2018 Mar 1;103(3):824-838. doi: 10.1210/jc.2017-01186.	PMID:29211888
Effects of synbiotic supplementation on metabolic parameters and apelin in women with polycystic ovary syndrome: a randomised double-blind placebo-controlled trial.	University Hospital Clinics E, Moini A, Yaseri M, Shirzad N, Sepidarkish M, Hossein-Boroujerdi M, Hosseinzadeh-Attar MJ.	Br J Nutr. 2018 Feb;119(4):398-406. doi: 10.1017/S0007114517003920.	PMID:29498342
The effects of vitamin D and evening primrose oil co-supplementation on lipid profiles and biomarkers of oxidative stress in vitamin D-deficient women with polycystic ovary syndrome: A randomized, double-blind, placebo-controlled trial.	Nasri K, Akrami S, Rahimi M, Taghizadeh M, Behfar M, Mazandarani MR, Kheiry A, Memarzadeh MR, Asemi Z.	Endocr Res. 2018 Feb;43(1):1-10. doi: 10.1080/07435800.2017.1346661. Epub 2017 Jul 25.	PMID:28742409

Methylprednisolone for prevention of ovarian hyperstimulation syndrome in patients with polycystic ovarian syndrome undergoing in-vitro fertilisation: a randomised controlled trial.	Mohammadi Yeganeh L, Moini A, Shiva M, Mirghavam N, Bagheri Lankarani N.	J Obstet Gynaecol. 2018 Feb;38(2):241-246. doi: 10.1080/01443615.2017.1346593. Epub 2017 Sep 14.	PMID:28903582
Insulin resistance improvement by cinnamon powder in polycystic ovary syndrome: A randomized double-blind placebo controlled clinical trial.	Hajimonfarednejad M, Nimrouzi M, Heydari M, Zarshenas MM, Raei MJ, Jahromi BN.	Phytother Res. 2018 Feb;32(2):276-283. doi: 10.1002/ptr.5970. Epub 2017 Dec 18.	PMID:29250843
Effects of Probiotic Supplementation on Hormonal Profiles, Biomarkers of Inflammation and Oxidative Stress in Women With Polycystic Ovary Syndrome: A Randomized, Double-Blind, Placebo-Controlled Trial.	Karamali M, Eghbaltpour S, Rajabi S, Jamilian M, Bahmani F, Tajabadi-Ebrahimi M, Keneshlou F, Mirhashemi SM, Chamani M, Hashem Gelougerdi S, Asemi Z.	Arch Iran Med. 2018 Jan 1;21(1):1-7.	PMID:29664663
Cinnamon improves metabolic factors without detectable effects on adiponectin in women with polycystic ovary syndrome.	Borzoei A, Rafrat M, Asghari-Jafarabadi M.	Asia Pac J Clin Nutr. 2018;27(3):556-563. doi: 10.6133/apjcn.062017.13.	PMID:29737802
Oral Quercetin Supplementation Enhances Adiponectin Receptor Transcript Expression in Polycystic Ovary Syndrome Patients: A Randomized Placebo-Controlled Double-Blind Clinical Trial.	Rezvan N, Moini A, Gorgani-Firuzjaee S, Hosseinzadeh-Attar MJ.	Cell J. 2018 Jan;19(4):627-633. doi: 10.22074/cellj.2018.4577. Epub 2017 Nov 4.	PMID:29105398 PMCID:PMC5672102
Structured education programme for women with polycystic ovary syndrome: a randomised controlled trial.	Mani H, Chudasama Y, Hadjiconstantinou M, Bodicoat DH, Edwardson C, Levy MJ, Gray LJ, Barnett J, Daly H, Howlett TA, Khunti K, Davies MJ.	Endocr Connect. 2018 Jan;7(1):26-35. doi: 10.1530/EC-17-0274. Epub 2017 Nov 13.	PMID:29133383 PMCID:PMC5744630
DPP4 inhibitor sitagliptin as a potential	Ferjan S, Janez A,	Endocr Pract. 2018 Jan;24(1):69-77.	PMID:29144805

treatment option in metformin-intolerant obese women with polycystic ovary syndrome : a pilot randomized study	Jensterle M.	doi: 10.4158/EP-2017-0027. Epub 2017 Nov 16.	
Impact of Ultrasound-Guided Transvaginal Ovarian Needle Drilling Versus Laparoscopic Ovarian Drilling on Ovarian Reserve and Pregnancy Rate in Polycystic Ovary Syndrome: A Randomized Clinical Trial.	Kandil M, Rezk M, Al-Halaby A, Emarh M, El-Nasr IS.	J Minim Invasive Gynecol. 2018 Sep - Oct;25(6):1075-1079. doi: 10.1016/j.jmig.2018.01.036. Epub 2018 Feb 21.	PMID:29476810
Impact of Metformin on IVF Outcomes in Overweight and Obese Women With Polycystic Ovary Syndrome: A Randomized Double-Blind Controlled Trial.	Abdalmageed OS, Farghaly TA, Abdelaleem AA, Abdelmagied AE, Ali MK, Abbas AM.	Reprod Sci. 2018 Jan 1;1933719118765985. doi: 10.1177/1933719118765985. [Epub ahead of print]	PMID:29576001
Efficacy of exenatide on weight loss, metabolic parameters and pregnancy in overweight/obese polycystic ovary syndrome.	Liu X, Zhang Y, Zheng SY, Lin R, Xie YJ, Chen H, Zheng YX, Liu E, Chen L, Yan JH, Xu W, Mai TT, Gong Y.	Clin Endocrinol (Oxf). 2017 Dec;87(6):767-774. doi: 10.1111/cen.13454. Epub 2017 Sep 13.	PMID:28834553
Probiotic supplementation and the effects on weight loss, glycaemia and lipid profiles in women with polycystic ovary syndrome: a randomized, double-blind, placebo-controlled trial.	Ahmadi S, Jamilian M, Karamali M, Tajabadi-Ebrahimi M, Jafari P, Taghizadeh M, Memarzadeh MR, Asemi Z.	Hum Fertil (Camb). 2017 Dec;20(4):254-261. doi: 10.1080/14647273.2017.1283446. Epub 2017 Feb 1.	PMID:28142296
Dipeptidyl Peptidase-4 Inhibitor Sitagliptin Prevented Weight Regain in Obese Women with Polycystic Ovary Syndrome Previously Treated with Liraglutide: A Pilot Randomized Study.	Ferjan S, Janez A, Jensterle M.	Metab Syndr Relat Disord. 2017 Dec;15(10):515-520. doi: 10.1089/met.2017.0095. Epub 2017 Oct 24.	PMID:29064743
Add on DPP-4 inhibitor alogliptin alone or in combination with pioglitazone improved β-cell function and insulin	Jensterle M, Goricar K, Janez A.	Endocr Res. 2017 Nov;42(4):261-268. doi: 10.1080/07435800.2017.1294602.	PMID:28323503

sensitivity in metformin treated PCOS.		Epub 2017 Mar 21.	
Combined oral contraceptives plus spironolactone compared with metformin in women with polycystic ovary syndrome: a one-year randomized clinical trial.	Alpañés M , Álvarez-Blasco F , Fernández-Durán E , Luque-Ramírez M, Escobar-Morreale HF	Eur J Endocrinol. 2017 Nov;177(5):399-408. doi: 10.1530/EJE-17-0516.	PMID:28912358
Comparison of clomiphene citrate and letrozole for ovulation induction in women with polycystic ovary syndrome: a prospective randomized trial.	Liu C, Feng G, Huang W, Wang Q, Yang S, Tan J, Fu J, Liu D.	Gynecol Endocrinol. 2017 Nov;33(11):872-876. doi: 10.1080/09513590.2017.1332174. Epub 2017 May 30.	PMID:28557652
A Trial on The Effects of Magnesium-Zinc-Calcium-Vitamin D Co-Supplementation on Glycemic Control and Markers of Cardio-Metabolic Risk in Women with Polycystic Ovary Syndrome.	Jamilian M, Maktabi M, Asemi Z.	Arch Iran Med. 2017 Oct;20(10):640-645.	PMID:29137465
Normalizing Ovulation Rate by Preferential Reduction of Hepato-Visceral Fat in Adolescent Girls With Polycystic Ovary Syndrome.	Ibáñez L, Del Río L, Díaz M, Sebastiani G, J Pozo ÓJ, López-Bermejo A, de Zegher F	J Adolesc Health. 2017 Oct;61(4):446-453. doi: 10.1016/j.jadohealth.2017.04.010. Epub 2017 Jul 14.	PMID:28712591
Unilateral Versus Bilateral Laparoscopic Ovarian Drilling Using Thermal Dose Adjusted According to Ovarian Volume in CC-Resistant PCOS, A Randomized Study.	El-Sayed MLM, Ahmed MA, Mansour MAA, Mansour SAA.	J Obstet Gynaecol India. 2017 Oct;67(5):356-362. doi: 10.1007/s13224-017-1010-7. Epub 2017 Jun 2.	PMID:28867887 PMCID:PMC5561753
Effect of Non-Surgical Periodontal Therapy Along With Myo-Inositol on High-Sensitivity C-Reactive Protein and Insulin Resistance in Women With Polycystic Ovary Syndrome and Chronic Periodontitis: A Randomized Controlled Trial.	Deepti, Tewari S, Narula SC, Singhal SR, Sharma RK.	J Periodontol. 2017 Oct;88(10):999-1011. doi: 10.1902/jop.2017.170121. Epub 2017 Jun 9.	PMID:28598285
Combined Lifestyle and Herbal Medicine in Overweight Women with Polycystic Ovary Syndrome (PCOS): A Randomized	Arentz S, Smith CA, Abbott J, Fahey P, Cheema BS, Bensoussan	Phytother Res. 2017 Sep;31(9):1330-1340. doi: 10.1002/ptr.5858. Epub 2017 Jul 7.	PMID:28685911 PMCID:PMC5599989

Controlled Trial.	A.		
Comparison of myo-inositol and metforminA on clinical, metabolic and genetic parameters in polycystic ovary syndrome: A randomized controlled clinical trial.	Jamilian M, Farhat P, Foroozanfard F, Afshar Ebrahimi F, Aghadavod E, Bahmani F, Badehnoosh B, Jamilian H, Asemi Z.	Clin Endocrinol (Oxf). 2017 Aug;87(2):194-200. doi: 10.1111/cen.13366. Epub 2017 Jun 8.	PMID:28485095
Effect of Two Different Doses of Vitamin D Supplementation on Metabolic Profiles of Insulin-Resistant Patients with Polycystic Ovary Syndrome: A Randomized, Double-Blind, Placebo-Controlled Trial.	Foroozanfard F, Talebi M, Samimi M, Mehrabi S, Badehnoosh B, Jamilian M, Maktabi M, Asemi Z.	Horm Metab Res. 2017 Aug;49(8):612-617. doi: 10.1055/s-0043-112346. Epub 2017 Jul 5.	PMID:28679142
Double-blind randomized controlled trial of letrozole versus clomiphene citrate in subfertile women with polycystic ovarian syndrome.	Amer SA, Smith J, Mahran A, Fox P, Fakis A.	Hum Reprod. 2017 Aug 1;32(8):1631-1638. doi: 10.1093/humrep/dex227.	PMID:28854590 PMCID:PMC5850470
The effects of dietary approaches to stop hypertension diet on weight loss, anti-Müllerian hormone and metabolic profiles in women with polycystic ovary syndrome: A randomized clinical trial.	Foroozanfard F, Rafiei H, Samimi M, Gilasi HR, Gorjizadeh R, Heidar Z, Asemi Z.	Clin Endocrinol (Oxf). 2017 Jul;87(1):51-58. doi: 10.1111/cen.13333. Epub 2017 Apr 11.	PMID:28316072
Myo-inositol administration positively effects ovulation induction and intrauterine insemination in patients with polycystic ovary syndrome: a prospective, controlled, randomized trial.	Emekçi Ö, Özay AC, Çağlıyan E, Okyay RE, Gülekli B	Gynecol Endocrinol. 2017 Jul;33(7):524-528. doi: 10.1080/09513590.2017.1296127. Epub 2017 Mar 3.	PMID:28277112
The Effects of Vitamin D Supplementation on Metabolic Status of Patients with Polycystic Ovary Syndrome: A Randomized, Double-Blind, Placebo-Controlled Trial.	Maktabi M, Chamani M, Asemi Z.	Horm Metab Res. 2017 Jul;49(7):493-498. doi: 10.1055/s-0043-107242. Epub 2017 Jul 5.	PMID:28679140
Effects of liraglutide on ovarian dysfunction in polycystic ovary	Nylander M, Frøssing S, Clausen HV, Kistorp C,	Reprod Biomed Online. 2017 Jul;35(1):121-127. doi:	PMID:28479118

syndrome: a randomized clinical trial.	Faber J, Skouby SO.	10.1016/j.rbmo.2017.03.023. Epub 2017 Apr 24.	
Effect of Acupuncture and Clomiphene in Chinese Women With Polycystic Ovary Syndrome: A Randomized Clinical Trial.	Wu XK, Stener-Victorin E, Kuang HY, Ma HL, Gao JS, Xie LZ, Hou LH, Hu ZX, Shao XG, Ge J, Zhang JF, Xue HY, Xu XF, Liang RN, Ma HX, Yang HW, Li WL, Huang DM, Sun Y, Hao CF, Du SM, Yang ZW, et al.	JAMA. 2017 Jun 27;317(24):2502-2514. doi: 10.1001/jama.2017.7217.	PMID:28655015 PMCID:PMC5815063
Oral carnitine supplementation influences mental health parameters and biomarkers of oxidative stress in women with polycystic ovary syndrome: a randomized, double-blind, placebo-controlled trial.	Jamilian H, Jamilian M, Samimi M, Afshar Ebrahimi F, Rahimi M, Bahmani F, Aghababayan S, Kouhi M, Shahabbaspour S, Asemi Z.	Gynecol Endocrinol. 2017 Jun;33(6):442-447. doi: 10.1080/09513590.2017.1290071. Epub 2017 Feb 21.	PMID:28277138
The Effects of Omega-3 Fatty Acids Supplementation on Gene Expression Involved in the Insulin and Lipid Signaling Pathway in Patients with Polycystic Ovary Syndrome.	Nasri K, Hantoushzadeh S, Aghadavod E, Taghizadeh M, Asemi Z.	Horm Metab Res. 2017 Jun;49(6):446-451. doi: 10.1055/s-0042-122782. Epub 2017 Feb 24.	PMID:28235206
Effects of Dietary Approach to Stop Hypertension diet on androgens, antioxidant status and body composition in overweight and obese women with polycystic ovary syndrome: a randomised controlled trial.	Azadi-Yazdi M, Karimi-Zarchi M, Salehi-Abargouei A, Fallahzadeh H, Nadjarzadeh A.	J Hum Nutr Diet. 2017 Jun;30(3):275-283. doi: 10.1111/jhn.12433. Epub 2016 Nov 7.	PMID:28466507
Omega-3 supplementation effects on polycystic ovary syndrome symptoms and metabolic syndrome.	Khani B, Mardanian F, Fesharaki SJ.	J Res Med Sci. 2017 May 30;22:64. doi: 10.4103/jrms.JRMS_644_16. eCollection 2017.	PMID:28616051 PMCID:PMC5461594
Effects of cinnamon supplementation on antioxidant status and serum lipids in	Borzoei A, Rafrat M, Niromanesh S, Farzadi L,	J Tradit Complement Med. 2017 May 19;8(1):128-133. doi:	PMID:29322000 PMCID:PMC5755995

women with polycystic ovary syndrome.	Narimani F, Doostan F.	10.1016/j.jtcme.2017.04.008. eCollection 2018 Jan.	
Metformin vs myoinositol: which is better in obese polycystic ovary syndrome patients? A randomized controlled crossover study.	Tagliaferri V, Romualdi D, Immediata V, De Cicco S, Di Florio C, Lanzone A, Guido M.	Clin Endocrinol (Oxf). 2017 May;86(5):725-730. doi: 10.1111/cen.13304. Epub 2017 Feb 10.	PMID:28092404
Effect of oral contraceptives and/or metformin on GLP-1 secretion and reactive hypoglycaemia in polycystic ovary syndrome.	Glintborg D, Mumm H, Holst JJ, Andersen M.	Endocr Connect. 2017 May;6(4):267-277. doi: 10.1530/EC-17-0034. Epub 2017 Apr 21.	PMID:28432082 PMCID:PMC5457494
The Effects of Calcium, Vitamins D and K co-Supplementation on Markers of Insulin Metabolism and Lipid Profiles in Vitamin D-Deficient Women with Polycystic Ovary Syndrome.	Karamali M, Ashrafi M, Razavi M, Jamilian M, Kashanian M, Akbari M, Asemi Z.	Exp Clin Endocrinol Diabetes. 2017 May;125(5):316-321. doi: 10.1055/s-0043-104530. Epub 2017 Apr 13.	PMID:28407660
The Impact of Green Tea Supplementation on Anthropometric Indices and Inflammatory Cytokines in Women with Polycystic Ovary Syndrome.	Mombaini E, Jafarirad S, Husain D, Haghighizadeh MH, Padfar P.	Phytother Res. 2017 May;31(5):747-754. doi: 10.1002/ptr.5795. Epub 2017 Feb 28.	PMID:28244612
The effects of coenzyme Q10 supplementation on glucose metabolism and lipid profiles in women with polycystic ovary syndrome: a randomized, double-blind, placebo-controlled trial.	Samimi M, Zarezade Mehrizi M, Foroozanfard F, Akbari H, Jamilian M, Ahmadi S, Asemi Z.	Clin Endocrinol (Oxf). 2017 Apr;86(4):560-566. doi: 10.1111/cen.13288. Epub 2017 Jan 10.	PMID:27911471
Role of vitamin E and D(3) supplementation in Intra-Cytoplasmic Sperm Injection outcomes of women with polycystic ovarian syndrome: A double blinded randomized placebo-controlled trial.	Fatemi F, Mohammadzadeh A, Sadeghi MR, Akhondi MM, Mohammadmoradi S, Kamali K, Lackpour N, Jouhari S, Zafadoust S, Mokhtar S, Giahi L.	Clin Nutr ESPEN. 2017 Apr;18:23-30. doi: 10.1016/j.clnesp.2017.01.002. Epub 2017 Jan 27.	PMID:29132734
Cost effectiveness of letrozole and purified urinary FSH in treating women	Hassan A, Shehata N, Wahba A.	Hum Fertil (Camb). 2017 Apr;20(1):37-42. doi:	PMID:27825272

with clomiphene citrate-resistant polycystic ovarian syndrome: a randomized controlled trial.		10.1080/14647273.2016.1242783. Epub 2016 Nov 8.	
N-acetyl cysteine in ovulation induction of PCOS women underwent intrauterine insemination: An RCT.	Behrouzi Lak T, Hajshafiha M, Nanbakhsh F, Oshnouei S.	Int J Reprod Biomed (Yazd). 2017 Apr;15(4):203-208.	PMID:28835936 PMCID:PMC5555037
Standardised versus individualised multiherb Chinese herbal medicine for oligomenorrhoea and amenorrhoea in polycystic ovary syndrome: a randomised feasibility and pilot study in the UK.	Lai L, Flower A, Prescott P, Wing T, Moore M, Lewith G.	BMJ Open. 2017 Feb 3;7(2):e011709. doi: 10.1136/bmjopen-2016-011709.	PMID:28159846 PMCID:PMC5293993
Liraglutide in polycystic ovary syndrome: a randomized trial, investigating effects on thrombogenic potential.	Nylander M, Frøssing S, Kistorp C, Faber J, Skouby SO.	Endocr Connect. 2017 Feb;6(2):89-99. doi: 10.1530/EC-16-0113. Epub 2017 Jan 24.	PMID:28119323 PMCID:PMC5424770
Effects of Quercetin on Adiponectin-Mediated Insulin Sensitivity in Polycystic Ovary Syndrome: A Randomized Placebo-Controlled Double-Blind Clinical Trial.	Rezvan N, Moini A, Janani L, Mohammad K, Saedisomeolia A, Nourbakhsh M, Gorgani-Firuzjaee S, Mazaherioun M, Hosseinzadeh-Attar MJ.	Horm Metab Res. 2017 Feb;49(2):115-121. doi: 10.1055/s-0042-118705. Epub 2016 Nov 7.	PMID:27824398
Effects of Metformin on Endocrine and Metabolic Parameters in Patients with Polycystic Ovary Syndrome.	Zahra M, Shah M, Ali A, Rahim R.	Horm Metab Res. 2017 Feb;49(2):103-108. doi: 10.1055/s-0042-119041. Epub 2016 Nov 3.	PMID:27813052
Effects of human chorionic gonadotropin combined with clomiphene on Serum E(2), FSH, LH and PRL levels in patients with polycystic ovarian syndrome.	Yonggang H, Xiaosheng L, Zhaoxia H, Yilu C, Jiqiang L, Huina Z.	Saudi J Biol Sci. 2017 Feb;24(2):241-245. doi: 10.1016/j.sjbs.2016.09.011. Epub 2016 Sep 9.	PMID:28149157 PMCID:PMC5272961
Short-term effectiveness of low dose liraglutide in combination with metformin versus high dose liraglutide alone in treatment of obese PCOS:	Jensterle M, Kravos NA, GoriÄar K, Janez A.	BMC Endocr Disord. 2017 Jan 31;17(1):5. doi: 10.1186/s12902-017-0155-9.	PMID:28143456 PMCID:PMC5286837

randomized trial.

The effects of omega-3 fatty acids and vitamin E co-supplementation on gene expression of lipoprotein(a) and oxidized low-density lipoprotein, lipid profiles and biomarkers of oxidative stress in patients with polycystic ovary syndrome.	Rahmani E, Samimi M, Ebrahimi FA, Foroozanfard F, Ahmadi S, Rahimi M, Jamilian M, Aghadavod E, Bahmani F, Taghizadeh M, Memarzadeh MR, Asemi Z.	Mol Cell Endocrinol. 2017 Jan 5;439:247-255. doi: 10.1016/j.mce.2016.09.008. Epub 2016 Sep 9.	PMID:27619403
Short-term therapy with combination dipeptidyl peptidase-4 inhibitor saxagliptin/metformin extended release (XR) is superior to saxagliptin or metformin XR monotherapy in prediabetic women with polycystic ovary syndrome: a single-blind, randomized, pilot study.	Elkind-Hirsch KE, Paterson MS, Seidemann EL, Gutowski HC.	Fertil Steril. 2017 Jan;107(1):253-260.e1. doi: 10.1016/j.fertnstert.2016.09.023. Epub 2016 Oct 27.	PMID:28228317
Comparison of two insulin sensitizers, metformin and myo-inositol, in women with polycystic ovary syndrome (PCOS).	Fruzzetti F, Perini D, Russo M, Bucci F, Gadducci A.	Gynecol Endocrinol. 2017 Jan;33(1):39-42. doi: 10.1080/09513590.2016.1236078. Epub 2016 Nov 3.	PMID:27808588
The Effect of Metformin and Cinnamon on Serum Anti-Mullerian Hormone in Women Having PCOS: A Double-Blind, Randomized, Controlled Trial.	Wiweko B, Susanto CA.	J Hum Reprod Sci. 2017 Jan-Mar;10(1):31-36. doi: 10.4103/jhrs.JHRS_90_16.	PMID:28479753 PMCID:PMC5405645
Therapeutic effects of metformin and clomiphene in combination with lifestyle intervention on infertility in women with obese polycystic ovary syndrome.	Zhang J, Si Q, Li J.	Pak J Med Sci. 2017 Jan-Feb;33(1):8-12. doi: 10.12669/pjms.331.11764.	PMID:28367163 PMCID:PMC5368334
A short course of metformin does not reduce OHSS in a GnRH antagonist cycle for women with PCOS undergoing IVF: a randomised placebo-controlled trial.	Jacob SL, Brewer C, Tang T, Picton HM, Barth JH, Balen AH.	Hum Reprod. 2016 Dec;31(12):2756-2764. Epub 2016 Nov 5.	PMID:27816925
Evaluating the effect of insulin	Sohrevardi SM, Nosouhi	Int J Reprod Biomed (Yazd). 2016	PMID:28331909

sensitizers metformin and pioglitazone alone and in combination on women with polycystic ovary syndrome: An RCT.	F, Hossein Khalilzade S, Kafaie P, Karimi-Zarchi M, Halvaei I, Mohsenzadeh M.	Dec;14(12):743-754.	PMCID:PMC5203689
Comparing the Effects of Agnugol and Metformin on Oligomenorrhea in Patients with Polycystic Ovary Syndrome: A Randomized Clinical Trial.	Shayan A, Masoumi SZ, Shobeiri F, Tohidi S, Khalili A.	J Clin Diagn Res. 2016 Dec;10(12):QC13-QC16. doi: 10.7860/JCDR/2016/22584.9040. Epub 2016 Dec 1.	PMID:28208942 PMCID:PMC5296515
The effect of alfalcidol and metformin on phenotype manifestations in women with polycystic ovary syndrome - a preliminary study.	I Dravecká , J Figurová, M Javorský, J Petříková, M Vaľková, I Lazúrová	Physiol Res. 2016 Nov 23;65(5):815-822. Epub 2016 Jul 15.	PMID:27429113
Oral contraceptives versus physical exercise on cardiovascular and metabolic risk factors in women with polycystic ovary syndrome: a randomized controlled trial.	Orio F, Muscogiuri G, Giallauria F, Savastano S, Bottiglieri P, Tafuri D, Predotti P, Colarieti G, Colao A, Palomba S.	Clin Endocrinol (Oxf). 2016 Nov;85(5):764-771. doi: 10.1111/cen.13112. Epub 2016 Jul 7.	PMID:27219465
Effect of acupoint catgut embedding therapy combined with Chinese medicine for nourishing the kidneys and promoting blood circulation and improving blood glucose and lipid levels as well as the pregnancy rate in obese PCOS patients with infertility.	Qin W, Zhao K, Yang H.	Exp Ther Med. 2016 Nov;12(5):2909-2914. Epub 2016 Sep 19.	PMID:27882095 PMCID:PMC5103721
Comparison clinical and metabolic effects of metformin and pioglitazone in polycystic ovary syndrome.	Shahebrahimi K, Jalilian N, Bazgir N, Rezaei M.	Indian J Endocrinol Metab. 2016 Nov-Dec;20(6):805-809.	PMID:27867884 PMCID:PMC5105565
Effects of Resveratrol on Polycystic Ovary Syndrome: A Double-blind, Randomized, Placebo-controlled Trial.	Banaszewska B, Wrotyńska-Barczyńska J , Spaczynski R Z, Pawelczyk L, Duleba A J	J Clin Endocrinol Metab. 2016 Nov;101(11):4322-4328. Epub 2016 Oct 18.	PMID:27754722
Neurokinin B Receptor Antagonism in Women With Polycystic Ovary Syndrome: A Randomized, Placebo-	George JT, Kakkar R, Marshall J, Scott ML, Finkelman RD, Ho TW,	J Clin Endocrinol Metab. 2016 Nov;101(11):4313-4321. Epub 2016 Jul 26.	PMID:27459523

Controlled Trial.	Veldhuis J, Skorupskaitė K, Anderson RA, McIntosh S, Webber L.		
Effects of letrozole in combination with low-dose intramuscular injection of human menopausal gonadotropin on ovulation and pregnancy of 156 patients with polycystic ovary syndrome.	Chen Z, Zhang M, Qiao Y, Yang J.	Pak J Med Sci. 2016 Nov-Dec;32(6):1434-1438. doi: 10.12669/pjms.326.11391.	PMID:28083040 PMCID:PMC5216296
Post-operative ovarian adhesion formation after ovarian drilling: a randomized study comparing conventional laparoscopy and transvaginal hydrolaparoscopy.	Giampaolino P, Morra I, Tommaselli GA, Di Carlo C, Nappi C, Bifulco G.	Arch Gynecol Obstet. 2016 Oct;294(4):791-6. doi: 10.1007/s00404-016-4146-2. Epub 2016 Jul 7.	PMID:27383413
Randomized controlled trial of letrozole, berberine, or a combination for infertility in the polycystic ovary syndrome.	Wu XK, Wang YY, Liu JP, Liang RN, Xue HY, Ma HX, Shao XG, Ng EH; Reproductive and Developmental Network in Chinese Medicine..	Fertil Steril. 2016 Sep 1;106(3):757-765.e1. doi: 10.1016/j.fertnstert.2016.05.022. Epub 2016 Jun 20.	PMID:27336209
Comparing the Effect of Metformin and Acarbose Accompanying Clomiphene on the Successful Ovulation Induction in Infertile Women with Polycystic Ovary Syndrome.	Rezai M, Jamshidi M, Mohammadbeigi R, Seyedoshohadaei F, Mohammadipour S, Moradi G.	Glob J Health Sci. 2016 Sep 1;8(9):54516. doi: 10.5539/gjhs.v8n9p281.	PMID:27157179 PMCID:PMC5064058
The Effects of Soy Isoflavones on Metabolic Status of Patients With Polycystic Ovary Syndrome.	Jamilian M, Asemi Z.	J Clin Endocrinol Metab. 2016 Sep;101(9):3386-94. doi: 10.1210/jc.2016-1762. Epub 2016 Aug 4.	PMID:27490918
Fresh versus Frozen Embryos for Infertility in the Polycystic Ovary Syndrome.	Chen ZJ, Shi Y, Sun Y, Zhang B, Liang X, Cao Y, Yang J, Liu J, Wei D, Weng N, Tian L, Hao C, Yang D, Zhou F, Shi J, Xu Y, Li J, Yan J, Qin Y, Zhao H,	N Engl J Med. 2016 Aug 11;375(6):523-33. doi: 10.1056/NEJMoa1513873. Erratum in: N Engl J Med. 2016 Nov 17;375(20):2010.	PMID:27509101

	Zhang H, Legro RS.		
Clomiphene citrate before and after withdrawal bleeding for induction of ovulation in women with polycystic ovary syndrome: Randomized cross-over trial.	Elbohoty AE, Amer M, Abdelmoaz M.	J Obstet Gynaecol Res. 2016 Aug;42(8):966-71. doi: 10.1111/jog.12996. Epub 2016 Apr 28.	PMID:27126971
The Effects of Chromium Supplementation on Endocrine Profiles, Biomarkers of Inflammation, and Oxidative Stress in Women with Polycystic Ovary Syndrome: a Randomized, Double-Blind, Placebo-Controlled Trial.	Jamilian M, Bahmani F, Siavashani MA, Mazloomi M, Asemi Z, Esmailzadeh A.	Biol Trace Elem Res. 2016 Jul;172(1):72-8. doi: 10.1007/s12011-015-0570-6. Epub 2015 Nov 28.	PMID:26613790
The Effects of Vitamin D-K-Calcium Co-Supplementation on Endocrine, Inflammation, and Oxidative Stress Biomarkers in Vitamin D-Deficient Women with Polycystic Ovary Syndrome: A Randomized, Double-Blind, Placebo-Controlled Trial.	Razavi M, Jamilian M, Karamali M, Bahmani F, Aghadavod E, Asemi Z.	Horm Metab Res. 2016 Jul;48(7):446-51. doi: 10.1055/s-0042-104060. Epub 2016 Apr 6.	PMID:27050252
Gonadotropin-releasing hormone agonist trigger is a better alternative than human chorionic gonadotropin in PCOS undergoing IVF cycles for an OHSS Free Clinic: A Randomized control trial.	Krishna D, Dhoble S, Praneesh G, Rathore S, Upadhaya A, Rao K.	J Hum Reprod Sci. 2016 Jul-Sep;9(3):164-172.	PMID:27803584 PMCID:PMC5070398
Oral carnitine supplementation reduces body weight and insulin resistance in women with polycystic ovary syndrome: a randomized, double-blind, placebo-controlled trial.	Samimi M, Jamilian M, Ebrahimi FA, Rahimi M, Tajbakhsh B, Asemi Z.	Clin Endocrinol (Oxf). 2016 Jun;84(6):851-7. doi: 10.1111/cen.13003. Epub 2016 Jan 29.	PMID:26666519
A randomized pilot study of dietary treatments for polycystic ovary syndrome in adolescents.	Wong JM, Gallagher M, Gooding H, Feldman HA, Gordon CM, Ludwig DS, Ebbeling CB.	Pediatr Obes. 2016 Jun;11(3):210-20. doi: 10.1111/ijpo.12047. Epub 2015 Jul 1.	PMID:26132306 PMCID:PMC4698106

The feasibility of progressive resistance training in women with polycystic ovary syndrome: a pilot randomized controlled trial.	Vizza L, Smith CA, Swaraj S, Agho K, Cheema BS.	BMC Sports Sci Med Rehabil. 2016 May 11;8:14. doi: 10.1186/s13102-016-0039-8. eCollection 2016.	PMID:27175282 PMCID:PMC4865007
Effect of meal frequency on glucose and insulin levels in women with polycystic ovary syndrome: a randomised trial.	Papakonstantinou E, Kechribari I, Mitrou P, Trakakis E, Vassiliadi D, Georgousopoulou E, Zampelas A, Kontogianni MD, Dimitriadis G.	Eur J Clin Nutr. 2016 May;70(5):588-94. doi: 10.1038/ejcn.2015.225. Epub 2016 Feb 10. Erratum in: Eur J Clin Nutr. 2016 May;70(5):646.	PMID:26862008
Comparison of Drospirenone- with Cyproterone Acetate-Containing Oral Contraceptives, Combined with Metformin and Lifestyle Modifications in Women with Polycystic Ovary Syndrome and Metabolic Disorders: A Prospective Randomized Control Trial.	Wang QY, Song Y, Huang W, Xiao L, Wang QS, Feng GM.	Chin Med J (Engl). 2016 Apr 20;129(8):883-90. doi: 10.4103/0366-6999.179783.	PMID:27064030 PMCID:PMC4831520
Changes in plasma metabolites and glucose homeostasis during omega-3 polyunsaturated fatty acid supplementation in women with polycystic ovary syndrome.	Karakas SE, Perroud B, Kind T, Palazoglu M, Fiehn O.	BBA Clin. 2016 Apr 13;5:179-85. doi: 10.1016/j.bbaci.2016.04.003. eCollection 2016 Jun.	PMID:27182493 PMCID:PMC4857160
Effects of Zinc Supplementation on Endocrine Outcomes in Women with Polycystic Ovary Syndrome: a Randomized, Double-Blind, Placebo-Controlled Trial.	Jamilian M, Foroozanfard F, Bahmani F, Talaei R, Monavari M, Asemi Z.	Biol Trace Elem Res. 2016 Apr;170(2):271-8. doi: 10.1007/s12011-015-0480-7. Epub 2015 Aug 28.	PMID:26315303
Metformin as an initial adjunct to low-dose liraglutide enhances the weight-decreasing potential of liraglutide in obese polycystic ovary syndrome: Randomized control study.	Jensterle M, Goricar K, Janez A.	Exp Ther Med. 2016 Apr;11(4):1194-1200. Epub 2016 Feb 16.	PMID:27073422 PMCID:PMC4812364
N-Acetylcysteine improves oocyte and embryo quality in polycystic ovary	Cheraghi E, Mehranjani MS, Shariatzadeh MA,	Reprod Fertil Dev. 2016 Apr;28(6):723-31. doi:	PMID:25482371

syndrome patients undergoing intracytoplasmic sperm injection: an alternative to metformin.	Esfahani MH, Ebrahimi Z.	10.1071/RD14182.	
Selenium Supplementation and the Effects on Reproductive Outcomes, Biomarkers of Inflammation, and Oxidative Stress in Women with Polycystic Ovary Syndrome.	Razavi M, Jamilian M, Kashan ZF, Heidar Z, Mohseni M, Ghandi Y, Bagherian T, Asemi Z.	Horm Metab Res. 2016 Mar;48(3):185-90. doi: 10.1055/s-0035-1559604. Epub 2015 Aug 12.	PMID:26267328
Recombinant FSH Compared to Clomiphene Citrate as the First-Line in Ovulation Induction in Polycystic Ovary Syndrome Using Newly Designed Pens: A Randomized Controlled Trial.	Hosseini-Rashidi B, Khandzad B, Shahrokh-Tehranejad E, Bagheri M, Gorginzadeh M.	J Family Reprod Health. 2016 Mar;10(1):42-8.	PMID:27385973 PMCID:PMC4930453
Chromium picolinate reduces insulin resistance in polycystic ovary syndrome: Randomized controlled trial.	Ashoush S, Abou-Gamrah A, Bayoumy H, Othman N.	J Obstet Gynaecol Res. 2016 Mar;42(3):279-85. doi: 10.1111/jog.12907. Epub 2015 Dec 14.	PMID:26663540
Effects of selenium supplementation on glucose homeostasis and free androgen index in women with polycystic ovary syndrome: A randomized, double blinded, placebo controlled clinical trial.	Mohammad Hosseinzadeh F, Hosseinzadeh-Attar MJ, Yekaninejad MS, Rashidi B.	J Trace Elem Med Biol. 2016 Mar;34:56-61. doi: 10.1016/j.jtemb.2016.01.002. Epub 2016 Jan 7.	PMID:26854246
Controlled Ovarian Stimulation Using Medroxyprogesterone Acetate and hMG in Patients With Polycystic Ovary Syndrome Treated for IVF: A Double-Blind Randomized Crossover Clinical Trial.	Wang Y, Chen Q, Wang N, Chen H, Lyu Q, Kuang Y.	Medicine (Baltimore). 2016 Mar;95(9):e2939. doi: 10.1097/MD.0000000000002939.	PMID:26945402 PMCID:PMC4782886
Comparison of the effects of metformin, flutamide plus oral contraceptives, and simvastatin on the metabolic consequences of polycystic ovary syndrome.	Mehrabian F, Ghasemi-Tehrani H, Mohamadkhani M, Moeinoddini M, Karimzadeh P.	J Res Med Sci. 2016 Feb 23;21:7. eCollection 2016.	PMID:27904553 PMCID:PMC5122242
Comparison of two contraceptive pills	Bhattacharya SM, Jha A,	Int J Gynaecol Obstet. 2016	PMID:26613823

containing drospirenone and 20 µg or 30 µg ethinyl estradiol for polycystic ovary syndrome	DasMukhopadhyay L.	Feb;132(2):210-3. doi: 10.1016/j.ijgo.2015.06.065. Epub 2015 Nov 6.	
A randomized controlled trial of clomifene citrate, metformin, and pioglitazone versus letrozole, metformin, and pioglitazone for clomifene-citrate-resistant polycystic ovary syndrome.	El-khayat W, Abdel Moety G, Al Mohammady M, Hamed D.	Int J Gynaecol Obstet. 2016 Feb;132(2):206-9. doi: 10.1016/j.ijgo.2015.06.063. Epub 2015 Nov 6.	PMID:26613820
The effect of marjoram (Origanum majorana) tea on the hormonal profile of women with polycystic ovary syndrome: a randomised controlled pilot study.	Haj-Husein I, Tukan S, Alkazaleh F.	J Hum Nutr Diet. 2016 Feb;29(1):105-11. doi: 10.1111/jhn.12290. Epub 2015 Feb 9.	PMID:25662759
Effect of a low glycemic diet in patients with polycystic ovary syndrome and anovulation - a randomized controlled trial.	L H Sordia-Hernández, P Ancer Rodríguez, D Saldivar Rodriguez, S Trejo Guzman, E S Servín Zenteno, G Guerrero González, R Ibarra Patiño	Clin Exp Obstet Gynecol. 2016;43(4):555-559.	PMID:29734548
A comparative study to illustrate the benefits of using ethinyl estradiol-cyproterone acetate over metformin in patients with polycystic ovarian syndrome.	Mhao NS, Al-Hilli AS, Hadi NR, Jamil DA, Al-Aubaidy HA.	Diabetes Metab Syndr. 2016 Jan-Mar;10(1 Suppl 1):S95-8. doi: 10.1016/j.dsx.2015.10.001. Epub 2015 Nov 12.	PMID:26703220
Flexible GnRH antagonist protocol vs. long GnRH agonist protocol in patients with polycystic ovary syndrome treated for IVF: comparison of clinical outcome and embryo quality.	Trenkić M, Popović J, Kopitović V, Bjelica A, Živadinović R, Pop-Trajković S	Ginekol Pol. 2016;87(4):265-70. doi: 10.17772/gp/62205.	PMID:27321097
Impact of unilateral versus bilateral laparoscopic ovarian drilling on ovarian reserve and pregnancy rate: a randomized clinical trial.	Rezk M, Sayyed T, Saleh S.	Gynecol Endocrinol. 2016;32(5):399-402. doi: 10.3109/09513590.2015.1124262. Epub 2015 Dec 15.	PMID:26670076
A comparison between the effects of	Javanmanesh F,	Gynecol Endocrinol. 2016;32(4):285-9.	PMID:26654154

metformin and N-acetyl cysteine (NAC) on some metabolic and endocrine characteristics of women with polycystic ovary syndrome.	Kashanian M, Rahimi M, Sheikhansari N.	doi: 10.3109/09513590.2015.1115974. Epub 2015 Dec 10.	
Effect of myo-inositol and melatonin versus myo-inositol, in a randomized controlled trial, for improving in vitro fertilization of patients with polycystic ovarian syndrome.	Pacchiarotti A, Carlomagno G, Antonini G, Pacchiarotti A.	Gynecol Endocrinol. 2016;32(1):69-73. doi: 10.3109/09513590.2015.1101444. Epub 2015 Oct 28.	PMID:26507336
Comparison of spironolactone and spironolactone plus metformin in the treatment of polycystic ovary syndrome.	Diri H, Karaburgu S, Acmaz B, Unluhizarci K, Tanriverdi F, Karaca Z, Kelestimur F.	Gynecol Endocrinol. 2016;32(1):42-5. doi: 10.3109/09513590.2015.1080679. Epub 2015 Sep 15.	PMID:26370923
Different Effects of Myoinositol plus Folic Acid versus Combined Oral Treatment on Androgen Levels in PCOS Women.	Ozay AC, Emekci Ozay O, Okyay RE, Cagliyan E, Kume T, Gulekli B.	Int J Endocrinol. 2016;2016:3206872. Epub 2016 Nov 2. Erratum in: Int J Endocrinol. 2018 Sep 10;2018:7502102.	PMID:27882049 PMCID:PMC5110892
Nitric oxide donors improve the ovulation and pregnancy rates in anovulatory women with polycystic ovary syndrome treated with clomiphene citrate: A RCT.	Mahran A, Abdelmeged A, Shawki H, Moheyelden A, Ahmed AM.	Int J Reprod Biomed (Yazd). 2016 Jan;14(1):9-14.	PMID:27141543 PMCID:PMC4837925
Comparison of Metformin and Simvastatin Administration in Women With Polycystic Ovary Syndrome Before Intra-Cytoplasmic Sperm Injection Cycle: A Prospective, Randomized, Clinical Trial Study.	Pourmatroud E, Mohammadjafari R, Roozitalab M.	Iran Red Crescent Med J. 2015 Dec 12;17(12):e20082. doi: 10.5812/ircmj.20082. eCollection 2015 Dec.	PMID:26756007 PMCID:PMC4706729
Calcium plus vitamin D supplementation influences biomarkers of inflammation and oxidative stress in overweight and vitamin D-deficient women with polycystic ovary syndrome: a randomized double-blind placebo-	Foroozanfard F, Jamilian M, Bahmani F, Talaee R, Talaee N, Hashemi T, Nasri K, Asemi Z, Esmailzadeh A.	Clin Endocrinol (Oxf). 2015 Dec;83(6):888-94. doi: 10.1111/cen.12840. Epub 2015 Jul 23.	PMID:26119844

controlled clinical trial.			
Effect of Dietary Weight Loss on Menstrual Regularity in Obese Young Adult Women with Polycystic Ovary Syndrome.	Marzouk TM, Sayed Ahmed WA.	J Pediatr Adolesc Gynecol. 2015 Dec;28(6):457-61. doi: 10.1016/j.jpag.2015.01.002. Epub 2015 Jan 7.	PMID:26298524
A randomized controlled trial evaluating the effect of ethinyl estradiol during clomiphene citrate cycles among women with polycystic ovary syndrome.	Moini A, Ahmadi F, Jahangiri N, Ahmadi J, Akhoond MR.	Int J Gynaecol Obstet. 2015 Nov;131(2):129-32. doi: 10.1016/j.ijgo.2015.06.032. Epub 2015 Sep 8.	PMID:26391671
Vitamin D Supplementation Decreases TGF-β1 Bioavailability in PCOS: A Randomized Placebo-Controlled Trial.	Irani M, Seifer DB, Grazi RV, Julka N, Bhatt D, Kalgi B, Irani S, Tal O, Lambert-Messerlian G, Tal R.	J Clin Endocrinol Metab. 2015 Nov;100(11):4307-14. doi: 10.1210/jc.2015-2580. Epub 2015 Oct 20.	PMID:26485217
Randomized Controlled Trial of Preconception Interventions in Infertile Women With Polycystic Ovary Syndrome.	Legro RS, Dodson WC, Kris-Etherton PM, Kunselman AR, Stetter CM, Williams NI, Gnatuk CL, Estes SJ, Fleming J, Allison KC, Sarwer DB, Coutifaris C, Dokras A.	J Clin Endocrinol Metab. 2015 Nov;100(11):4048-58. doi: 10.1210/jc.2015-2778. Epub 2015 Sep 24.	PMID:26401593 PMCID:PMC4702450
Comparison of letrozole and clomiphene citrate in women with polycystic ovaries undergoing ovarian stimulation.	Sharief M, Nafee NR.	J Pak Med Assoc. 2015 Nov;65(11):1149-52.	PMID:26564281
Randomized controlled trial comparing letrozole with laparoscopic ovarian drilling in women with clomiphene citrate-resistant polycystic ovary syndrome.	Liu W, Dong S, Li Y, Shi L, Zhou W, Liu Y, Liu J, Ji Y.	Exp Ther Med. 2015 Oct;10(4):1297-1302. Epub 2015 Aug 19.	PMID:26622481 PMCID:PMC4578114
Clomiphene citrate, metformin or a combination of both as the first line ovulation induction drug for Asian Indian women with polycystic ovarian syndrome: A randomized controlled	Kar S, Sanchita S.	J Hum Reprod Sci. 2015 Oct-Dec;8(4):197-201. doi: 10.4103/0974-1208.170373.	PMID:26752854 PMCID:PMC4691970

trial.

Effect of Omega-3 Supplementation on Visfatin, Adiponectin, and Anthropometric Indices in Women with Polycystic Ovarian Syndrome.	Nadjarzadeh A, Dehghani-Firouzabadi R, Daneshbodi H, Lotfi MH, Vaziri N, Mozaffari-Khosravi H.	J Reprod Infertil. 2015 Oct-Dec;16(4):212-20.	PMID:27110520 PMCID:PMC4819211
Effects of High Intensity Interval Training and Strength Training on Metabolic, Cardiovascular and Hormonal Outcomes in Women with Polycystic Ovary Syndrome: A Pilot Study.	Almenning I, Rieber-Mohn A, Lundgren KM, Shetelig Løvvik T, Garnæs KK, Moholdt T	PLoS One. 2015 Sep 25;10(9):e0138793. doi: 10.1371/journal.pone.0138793. eCollection 2015.	PMID:26406234 PMCID:PMC4583183
The effect of atorvastatin treatment on serum oxysterol concentrations and cytochrome P450 3A4 activity.	Hukkanen J, Puurunen J, Hyötyläinen T, Savolainen MJ, Ruokonen A, Morin-Papunen L, Orešič M, Piltonen T, Tapanainen JS	Br J Clin Pharmacol. 2015 Sep;80(3):473-9. doi: 10.1111/bcp.12701. Epub 2015 Jul 22.	PMID:26095142 PMCID:PMC4574832
Fixed versus Flexible Gonadotropin Releasing Hormone Antagonist Protocol in Controlled Ovarian Stimulation for In Vitro Fertilization in Women with Polycystic Ovary Syndrome.	Hosseini Rashidi B, Behrouzi Lak T, ShahrokhTehrani E, Davari Tanha F.	J Family Reprod Health. 2015 Sep;9(3):141-6.	PMID:26622314 PMCID:PMC4662759
Calcium plus vitamin D supplementation affects glucose metabolism and lipid concentrations in overweight and obese vitamin D deficient women with polycystic ovary syndrome.	Asemi Z, Foroozanfard F, Hashemi T, Bahmani F, Jamilian M, Esmailzadeh A.	Clin Nutr. 2015 Aug;34(4):586-92. doi: 10.1016/j.clnu.2014.09.015. Epub 2014 Oct 3.	PMID:25300649
Myo-inositol vs. D-chiro inositol in PCOS treatment.	Formuso C, Stracquadanio M, Ciotta L.	Minerva Ginecol. 2015 Aug;67(4):321-5. Epub 2015 Feb 11.	PMID:25670222
Advantages of Recombinant Follicle-Stimulating Hormone over Human Menopausal Gonadotropin in Intrauterine Insemination: A	Rashidi M, Najmi Z, Mobasser A.	Gynecol Obstet Invest. 2015 Jul 23. [Epub ahead of print]	PMID:26228499

Randomized Clinical Trial in Polycystic Ovary Syndrome-Associated Infertility.			
Randomized clinical trial evaluating metformin versus oral contraceptive pills in the treatment of adolescents with polycystic ovarian syndrome.	Al-Zubeidi H, Klein KO.	J Pediatr Endocrinol Metab. 2015 Jul;28(7-8):853-8. doi: 10.1515/jpem-2014-0283.	PMID:25781525
Benefits of short-term structured exercise in non-overweight women with polycystic ovary syndrome: a prospective randomized controlled study.	Turan V, Mutlu EK, Solmaz U, Ekin A, Tosun O, Tosun G, Mat E, Gezer C, Malkoc M.	J Phys Ther Sci. 2015 Jul;27(7):2293-7. doi: 10.1589/jpts.27.2293. Epub 2015 Jul 22.	PMID:26311969 PMCID:PMC4540866
ART Outcomes in GnRH Antagonist Protocol (Flexible) and Long GnRH Agonist Protocol during Early Follicular Phase in Patients with Polycystic Ovary Syndrome: A Randomized Clinical Trial.	Mokhtar S, Sadeghi MR, Akhondi MM, Zafardoust S, Badenush B, Fatemi F, Nazari F, Kamali K, Mohammadzade A.	J Reprod Infertil. 2015 Jul-Sep;16(3):148-54.	PMID:26913233 PMCID:PMC4508353
Short term monotherapy with GLP-1 receptor agonist liraglutide or PDE 4 inhibitor roflumilast is superior to metformin in weight loss in obese PCOS women: a pilot randomized study.	Jensterle M, Salamun V, Kocjan T, Vrtacnik Bokal E, Janez A.	J Ovarian Res. 2015 Jun 2;8:32. doi: 10.1186/s13048-015-0161-3.	PMID:26032655 PMCID:PMC4506413
Metabolic response to selenium supplementation in women with polycystic ovary syndrome: a randomized, double-blind, placebo-controlled trial.	Jamilian M, Razavi M, Fakhrie Kashan Z, Ghandi Y, Bagherian T, Asemi Z.	Clin Endocrinol (Oxf). 2015 Jun;82(6):885-91. doi: 10.1111/cen.12699. Epub 2015 Jan 26.	PMID:25510442
Inadequacy of initiating rosuvastatin then metformin on biochemical profile of polycystic ovarian syndrome patients.	Ghazeeri G, Abbas HA, Skaff B, Harajly S, Awwad J.	J Endocrinol Invest. 2015 Jun;38(6):643-51. doi: 10.1007/s40618-015-0237-3. Epub 2015 Feb 27.	PMID:25722221
Efficacy of the Levonorgestrel-Releasing Intrauterine System on IVF-ET Outcomes in PCOS With Simple Endometrial Hyperplasia.	Bian J, Shao H, Liu H, Li H, Fang L, Xing C, Wang L, Tao M.	Reprod Sci. 2015 Jun;22(6):758-66. doi: 10.1177/1933719114561553. Epub 2014 Dec 23.	PMID:25536958

Therapeutic effects of metformin and laparoscopic ovarian drilling in treatment of clomiphene and insulin-resistant polycystic ovary syndrome.	Wang XH, Wang JQ, Xu Y, Huang LP.	Arch Gynecol Obstet. 2015 May;291(5):1089-94. doi: 10.1007/s00404-014-3486-z. Epub 2014 Oct 11. Retraction in: Wang XH, Wang JQ, Xu Y, Huang LP. Arch Gynecol Obstet. 2016 Mar;293(3):693.	PMID:25304269
Effect of orlistat on weight loss, hormonal and metabolic profiles in women with polycystic ovarian syndrome: a randomized double-blind placebo-controlled trial.	Moini A, Kanani M, Kashani L, Hosseini R, Hosseini L.	Endocrine. 2015 May;49(1):286-9. doi: 10.1007/s12020-014-0426-4. Epub 2014 Oct 8. No abstract available.	PMID:25294011
Metformin improves endothelial function and carotid intima media thickness in patients with PCOS.	Kaya MG, Yildirim S, Calapkorur B, Akpek M, Unluhizarci K, Kelestimur F.	Gynecol Endocrinol. 2015 May;31(5):401-5. doi: 10.3109/09513590.2015.1006188. Epub 2015 Mar 20.	PMID:25791462
Comparison of the effects of chlormadinone acetate versus drospirenone containing oral contraceptives on metabolic and hormonal parameters in women with PCOS for a period of two-year follow-up.	Yildizhan R, Gokce AI, Yildizhan B, Cim N.	Gynecol Endocrinol. 2015 May;31(5):396-400. doi: 10.3109/09513590.2015.1006187. Epub 2015 Mar 4.	PMID:25739031
Effects of zinc supplementation on markers of insulin resistance and lipid profiles in women with polycystic ovary syndrome: a randomized, double-blind, placebo-controlled trial.	Foroozanfard F, Jamilian M, Jafari Z, Khassaf A, Hosseini A, Khorammian H, Asemi Z.	Exp Clin Endocrinol Diabetes. 2015 Apr;123(4):215-20. doi: 10.1055/s-0035-1548790. Epub 2015 Apr 13.	PMID:25868059
Comparison between Unilateral and Bilateral Ovarian Drilling in Clomiphene Citrate Resistance Polycystic Ovary Syndrome Patients: A Randomized Clinical Trial of Efficacy.	Zahiri Sorouri Z, Sharami SH, Tahersima Z, Salamat F.	Int J Fertil Steril. 2015 Apr-Jun;9(1):9-16. Epub 2015 Apr 21.	PMID:25918587 PMCID:PMC4410042
Effects of aerobic exercise on plasma lipoproteins in overweight and obese women with polycystic ovary syndrome.	Abazar E, Taghian F, Mardanian F, Forozandeh D.	Adv Biomed Res. 2015 Mar 25;4:68. doi: 10.4103/2277-9175.153892. eCollection 2015.	PMID:25878993 PMCID:PMC4386212

Effects of Probiotic Supplementation on Pancreatic Î²-cell Function and C-reactive Protein in Women with Polycystic Ovary Syndrome: A Randomized Double-blind Placebo-controlled Clinical Trial.	Shoaei T, Heidari-Beni M, Tehrani HG, Feizi A, Esmailzadeh A, Askari G.	Int J Prev Med. 2015 Mar 24;6:27. doi: 10.4103/2008-7802.153866. eCollection 2015.	PMID:25949777 PMCID:PMC4387688
Comparison of desogestrel/ethinyl estradiol plus spironolactone versus cyproterone acetate/ethinyl estradiol in the treatment of polycystic ovary syndrome: a randomized controlled trial.	Leelaphiwat S, Jongwutiwes T, Lertvikool S, Tabcharoen C, Sukprasert M, Rattanasiri S, Weerakiet S.	J Obstet Gynaecol Res. 2015 Mar;41(3):402-10. doi: 10.1111/jog.12543. Epub 2014 Oct 15.	PMID:25319761
Cabergoline plus metformin therapy effects on menstrual irregularity and androgen system in polycystic ovary syndrome women with hyperprolactinemia.	Ghaneai A, Jowkar A, Hasani Ghavam MR, Ghaneai ME.	Iran J Reprod Med. 2015 Feb;13(2):93-100.	PMID:25999998 PMCID:PMC4426146
Chromium Supplementation and the Effects on Metabolic Status in Women with Polycystic Ovary Syndrome: A Randomized, Double-Blind, Placebo-Controlled Trial.	Jamilian M, Asemi Z.	Ann Nutr Metab. 2015;67(1):42-8.	PMID:26279073
Endometrial preparation protocol of the frozen-thawed embryo transfer in patients with polycystic ovary syndrome.	Yu J, Ma Y, Wu Z, Li Y, Tang L, Li Y, Deng B.	Arch Gynecol Obstet. 2015 Jan;291(1):201-11. doi: 10.1007/s00404-014-3396-0. Epub 2014 Jul 31.	PMID:25091221
Clomiphene citrate 'stair-step' protocol vs. traditional protocol in patients with polycystic ovary syndrome: a randomized controlled trial.	Deveci CD, Demir B, Sengul O, Dilbaz B, Goktolga U.	Arch Gynecol Obstet. 2015 Jan;291(1):179-84. doi: 10.1007/s00404-014-3398-y. Epub 2014 Jul 31.	PMID:25078053
The adjuvant effect of metformin and N-acetylcysteine to clomiphene citrate in induction of ovulation in patients with Polycystic Ovary Syndrome.	Maged AM, Elsayah H, Abdelhafez A, Bakry A, Mostafa WA.	Gynecol Endocrinol. 2015;31(8):635-8. doi: 10.3109/09513590.2015.1037269. Epub 2015 Aug 4.	PMID:26291797
Outcomes of follicle-stimulating	Choavaratana R,	Gynecol Obstet Invest.	PMID:25503808

hormone priming and nonpriming in in vitro maturation of oocytes in infertile women with polycystic ovarian syndrome: a single-blinded randomized study.	Thanaboonyawat I, Laokirkkiat P, Prechapanich J, Suksompong S, Mekemaharn O, Petyim S.	2015;79(3):153-9. doi: 10.1159/000367660. Epub 2014 Dec 10.	
A 12-week treatment with the long-acting glucagon-like peptide 1 receptor agonist liraglutide leads to significant weight loss in a subset of obese women with newly diagnosed polycystic ovary syndrome.	Jensterle M, Kravos NA, Pfeifer M, Kocjan T, Janez A.	Hormones (Athens). 2015 Jan-Mar;14(1):81-90.	PMID:25885106
Impact of a mindfulness stress management program on stress, anxiety, depression and quality of life in women with polycystic ovary syndrome: a randomized controlled trial.	Stefanaki C, Bacopoulou F, Livadas S, Kandaraki A, Karachalios A, Chrousos GP, Diamanti-Kandarakis E.	Stress. 2015 Jan;18(1):57-66. doi: 10.3109/10253890.2014.974030. Epub 2014 Dec 29.	PMID:25287137
Preliminary evidence that cinnamon improves menstrual cyclicity in women with polycystic ovary syndrome: a randomized controlled trial.	Kort DH, Lobo RA.	Am J Obstet Gynecol. 2014 Nov;211(5):487.e1-6. doi: 10.1016/j.ajog.2014.05.009. Epub 2014 May 9.	PMID:24813595
Effects of DASH diet on lipid profiles and biomarkers of oxidative stress in overweight and obese women with polycystic ovary syndrome: a randomized clinical trial.	Asemi Z, Samimi M, Tabassi Z, Shakeri H, Sabihi SS, Esmailzadeh A.	Nutrition. 2014 Nov-Dec;30(11-12):1287-93. doi: 10.1016/j.nut.2014.03.008. Epub 2014 Mar 15.	PMID:25194966
Metformin induces a prompt decrease in LH-stimulated testosterone response in women with PCOS independent of its insulin-sensitizing effects.	Kurzthaler D, Hadziomerovic-Pekic D, Wildt L, Seeber BE.	Reprod Biol Endocrinol. 2014 Oct 11;12:98. doi: 10.1186/1477-7827-12-98.	PMID:25304843 PMCID:PMC4199060
Luteal phase clomiphene citrate for ovulation induction in women with polycystic ovary syndrome.	Kosar O, Ozaksit G, Taskin MI.	Arch Gynecol Obstet. 2014 Oct;290(4):771-5. doi: 10.1007/s00404-014-3280-y. Epub 2014 May 20.	PMID:24840109

The effects of folate supplementation on inflammatory factors and biomarkers of oxidative stress in overweight and obese women with polycystic ovary syndrome: a randomized, double-blind, placebo-controlled clinical trial.	Bahmani F, Karamali M, Shakeri H, Asemi Z.	Clin Endocrinol (Oxf). 2014 Oct;81(4):582-7. doi: 10.1111/cen.12451. Epub 2014 Apr 15.	PMID:24628390
The benefit-to-risk ratio of common treatments in PCOS: effect of oral contraceptives versus metformin on atherogenic markers.	Christakou C, Kollias A, Piperi C, Katsikis I, Panidis D, Diamanti-Kandarakis E.	Hormones (Athens). 2014 Oct-Dec;13(4):488-97. doi: 10.14310/horm.2002.1553.	PMID:25555182
Effect of Metformin and Flutamide on Anthropometric Indices and Laboratory Tests in Obese/Overweight PCOS Women under Hypocaloric Diet.	Amiri M, Golsorkhtabaramiri M, Esmaeilzadeh S, Ghofrani F, Bijani A, Ghorbani L, Delavar MA.	J Reprod Infertil. 2014 Oct;15(4):205-13.	PMID:25473629 PMCID:PMC4227978
Adding L-carnitine to clomiphene resistant PCOS women improves the quality of ovulation and the pregnancy rate. A randomized clinical trial.	Ismail AM, Hamed AH, Saso S, Thabet HH.	Eur J Obstet Gynecol Reprod Biol. 2014 Sep;180:148-52. doi: 10.1016/j.ejogrb.2014.06.008. Epub 2014 Jun 23.	PMID:25015747
Role of the combination spironolactone-norgestimate-estrogen in Hirsute women with polycystic ovary syndrome.	Hagag P, Steinschneider M, Weiss M.	J Reprod Med. 2014 Sep-Oct;59(9-10):455-63.	PMID:25330687
Comparison of two oral contraceptive forms containing cyproterone acetate and drospirenone in the treatment of patients with polycystic ovary syndrome: a randomized clinical trial.	Kahraman K, Sükür YE, Atabekoğlu CS, Ateş C, Taşkın S, Cetinkaya SE, Tolunay HE, Bözmen B, Sönmezer M, Berker B	Arch Gynecol Obstet. 2014 Aug;290(2):321-8. doi: 10.1007/s00404-014-3217-5. Epub 2014 Mar 28.	PMID:24676694
Phosphodiesterase 4 inhibition as a potential new therapeutic target in obese women with polycystic ovary syndrome.	Jensterle M, Kocjan T, Janez A.	J Clin Endocrinol Metab. 2014 Aug;99(8):E1476-81. doi: 10.1210/jc.2014-1430. Epub 2014 May 13.	PMID:24823465
Letrozole versus clomiphene for infertility in the polycystic ovary syndrome.	Legro RS, Brzyski RG, Diamond MP, Coutifaris C, Schlaff WD, Casson P,	N Engl J Med. 2014 Jul 10;371(2):119-29. doi: 10.1056/NEJMoa1313517. Erratum in: N Engl J Med. 2014 Oct	PMID:25006718 PMCID:PMC4175743

	Christman GM, Huang H, Yan Q, Alvero R, Haisenleder DJ, Barnhart KT, Bates GW, Usadi R, Lucidi S, Baker V, Trussell JC, Krawetz SA, Snyder P, Ohl D, Santoro N, Eisenberg E, et al.	9;317(15):1465.	
Adding the phytoestrogen Cimicifugae Racemosae to clomiphene induction cycles with timed intercourse in polycystic ovary syndrome improves cycle outcomes and pregnancy rates - a randomized trial.	Shahin AY, Mohammed SA.	Gynecol Endocrinol. 2014 Jul;30(7):505-10. doi: 10.3109/09513590.2014.895983. Epub 2014 Mar 5.	PMID:24592984
Co-Administration of Metformin and N-Acetyl Cysteine Fails to Improve Clinical Manifestations in PCOS Individual Undergoing ICSI.	Cheraghi E, Soleimani Mehranjani M, Shariatzadeh MA, Nasr Esfahani MH, Ebrahimi Z.	Int J Fertil Steril. 2014 Jul;8(2):119-28. Epub 2014 Jul 8.	PMID:25083175 PMCID:PMC4107684
Body composition is improved during 12 months' treatment with metformin alone or combined with oral contraceptives compared with treatment with oral contraceptives in polycystic ovary syndrome.	Glintborg D, Altinok ML, Mumm H, Hermann AP, Ravn P, Andersen M.	J Clin Endocrinol Metab. 2014 Jul;99(7):2584-91. doi: 10.1210/jc.2014-1135. Epub 2014 Apr 17.	PMID:24742124
Metabolic response to folate supplementation in overweight women with polycystic ovary syndrome: a randomized double-blind placebo-controlled clinical trial.	Asemi Z, Karamali M, Esmailzadeh A.	Mol Nutr Food Res. 2014 Jul;58(7):1465-73. doi: 10.1002/mnfr.201400033. Epub 2014 May 15.	PMID:24828019
Combined coenzyme Q10 and clomiphene citrate for ovulation induction in clomiphene-citrate-resistant polycystic ovary syndrome.	El Refaeey A, Selem A, Badawy A.	Reprod Biomed Online. 2014 Jul;29(1):119-24. doi: 10.1016/j.rbmo.2014.03.011. Epub 2014 Mar 26.	PMID:24813752
Postprandial effects of long-term	Aye MM, Kilpatrick ES,	Diabetes Obes Metab. 2014	PMID:24401089

niacin/laropiprant use on glucose and lipid metabolism and on cardiovascular risk in patients with polycystic ovary syndrome.	Afolabi P, Wootton SA, Rigby AS, Coady AM, Sandeman DD, Atkin SL.	Jun;16(6):545-52. doi: 10.1111/dom.12255. Epub 2014 Feb 9.	
High-dose vitamin D supplementation and measures of insulin sensitivity in polycystic ovary syndrome: a randomized, controlled pilot trial.	Raja-Khan N, Shah J, Stetter CM, Lott ME, Kunselman AR, Dodson WC, Legro RS.	Fertil Steril. 2014 Jun;101(6):1740-6. doi: 10.1016/j.fertnstert.2014.02.021. Epub 2014 Mar 14.	PMID:24636395 PMCID:PMC4537163
A randomized crossover study of medroxyprogesterone acetate and Diane-35 in adolescent girls with polycystic ovarian syndrome.	Chung JP, Yiu AK, Chung TK, Chan SS.	J Pediatr Adolesc Gynecol. 2014 Jun;27(3):166-71. doi: 10.1016/j.jpag.2013.09.011. Epub 2014 Mar 19.	PMID:24656700
Low glycemic index vegan or low-calorie weight loss diets for women with polycystic ovary syndrome: a randomized controlled feasibility study.	Turner-McGrievy GM, Davidson CR, Wingard EE, Billings DL.	Nutr Res. 2014 Jun;34(6):552-8. doi: 10.1016/j.nutres.2014.04.011. Epub 2014 Apr 24.	PMID:25026923
Vitamin D improves endometrial thickness in PCOS women who need intrauterine insemination: a randomized double-blind placebo-controlled trial.	Asadi M, Matin N, Frootan M, Mohamadpour J, Qorbani M, Tanha FD.	Arch Gynecol Obstet. 2014 Apr;289(4):865-70. doi: 10.1007/s00404-013-3055-x. Epub 2013 Oct 26.	PMID:24158736
Effects of raw red onion consumption on metabolic features in overweight or obese women with polycystic ovary syndrome: a randomized controlled clinical trial.	Ebrahimi-Mamaghani M, Saghafi-Asl M, Pirouzpanah S, Asghari-Jafarabadi M.	J Obstet Gynaecol Res. 2014 Apr;40(4):1067-76. doi: 10.1111/jog.12311. Epub 2014 Mar 10.	PMID:24612081
The use of berberine for women with polycystic ovary syndrome undergoing IVF treatment.	An Y, Sun Z, Zhang Y, Liu B, Guan Y, Lu M.	Clin Endocrinol (Oxf). 2014 Mar;80(3):425-31. doi: 10.1111/cen.12294. Epub 2013 Aug 9.	PMID:23869585
Short-term combined treatment with liraglutide and metformin leads to significant weight loss in obese women with polycystic ovary syndrome and previous poor response to metformin.	Jensterle Sever M, Kocjan T, Pfeifer M, Kravos NA, Janez A.	Eur J Endocrinol. 2014 Feb 7;170(3):451-9. doi: 10.1530/EJE-13-0797. Print 2014 Mar.	PMID:24362411 PMCID:PMC3922503
Effects of metformin or an oral	J A Dardzińska , D Rachoń	Exp Clin Endocrinol Diabetes. 2014	PMID:24554512

contraceptive containing cyproterone acetate on serum c-reactive protein, interleukin-6 and soluble vascular cell adhesion molecule-1 concentrations in women with polycystic ovary syndrome.	, M Kuligowska-Jakubowska , E Aleksandrowicz-Wrona , A Płoszyński , B Wyrzykowski , W Lysiak-Szydłowska	Feb;122(2):118-25. doi: 10.1055/s-0033-1363261. Epub 2014 Feb 19.	
In PCOS patients the addition of low-dose spironolactone induces a more marked reduction of clinical and biochemical hyperandrogenism than metformin alone.	Mazza A, Fruci B, Guzzi P, D'Orrico B, Malaguarnera R, Veltri P, Fava A, Belfiore A.	Nutr Metab Cardiovasc Dis. 2014 Feb;24(2):132-9. doi: 10.1016/j.numecd.2013.04.016. Epub 2013 Jul 8.	PMID:23845740
Role of luteal phase support on gonadotropin ovulation induction cycles in patients with polycystic ovary syndrome.	Yazici G, Savas A, Tasdelen B, Dilek S.	J Reprod Med. 2014 Jan-Feb;59(1-2):25-30.	PMID:24597283
The combined therapy myo-inositol plus D-chiro-inositol, rather than D-chiro-inositol, is able to improve IVF outcomes: results from a randomized controlled trial.	Colazingari S, Treglia M, Najjar R, Bevilacqua A.	Arch Gynecol Obstet. 2013 Dec;288(6):1405-11. doi: 10.1007/s00404-013-2855-3. Epub 2013 May 25.	PMID:23708322
Statin therapy worsens insulin sensitivity in women with polycystic ovary syndrome (PCOS): a prospective, randomized, double-blind, placebo-controlled study.	Puurunen J, Piltonen T, Puukka K, Ruokonen A, Savolainen MJ, Bloigu R, Morin-Papunen L, Tapanainen JS.	J Clin Endocrinol Metab. 2013 Dec;98(12):4798-807. doi: 10.1210/jc.2013-2674. Epub 2013 Oct 23.	PMID:24152688
Effects of drospirenone-ethinylestradiol and/or metformin on CD4(+)CD28(null) T lymphocytes frequency in women with hyperinsulinemia having polycystic ovary syndrome: a randomized clinical trial.	Moro F, Morciano A, Tropea A, Sagnella F, Palla C, Scarinci E, Ciardulli A, Martinez D, Familiari A, Liuzzo G, Tritarelli A, Cosentino N, Niccoli G, Crea F, Lanzone A, Apa R.	Reprod Sci. 2013 Dec;20(12):1508-17. doi: 10.1177/1933719113488444. Epub 2013 May 20.	PMID:23690338
Metformin treatment in different	Hosseini MA, Alleyassin	Arch Gynecol Obstet. 2013	PMID:23605170

phenotypes of polycystic ovary syndrome.	A, Sarvi F, Safdarian L, Kokab A, Fanisalek M.	Nov;288(5):1131-6. doi: 10.1007/s00404-013-2800-5. Epub 2013 Apr 19.	
Effects of caloric intake timing on insulin resistance and hyperandrogenism in lean women with polycystic ovary syndrome.	Jakubowicz D, Barnea M, Wainstein J, Froy O.	Clin Sci (Lond). 2013 Nov;125(9):423-32. doi: 10.1042/CS20130071.	PMID:23688334
Clomiphene citrate co-treatment with low dose urinary FSH versus urinary FSH for clomiphene resistant PCOS: randomized controlled trial.	Ghanem ME, Elboghdady LA, Hassan M, Helal AS, Gibreel A, Houssen M, Shaker ME, Bahlol I, Mesbah Y.	J Assist Reprod Genet. 2013 Nov;30(11):1477-85. doi: 10.1007/s10815-013-0090-2. Epub 2013 Sep 7. Erratum in: J Assist Reprod Genet. 2014 Apr;31(4):505-6.	PMID:24014214 PMCID:PMC3879942
Favourable metabolic effects of a eucaloric lower-carbohydrate diet in women with PCOS.	Gower BA, Chandler-Laney PC, Ovalle F, Goree LL, Azziz R, Desmond RA, Granger WM, Goss AM, Bates GW.	Clin Endocrinol (Oxf). 2013 Oct;79(4):550-7. doi: 10.1111/cen.12175. Epub 2013 May 20.	PMID:23444983 PMCID:PMC4111472
Disparate effects of pharmacotherapy on plasma plasminogen activator inhibitor-1 levels in women with the polycystic ovary syndrome.	Koious E, Tziomalos K, Katsikis I, Delkos D, Tsourdi EA, Panidis D.	Hormones (Athens). 2013 Oct-Dec;12(4):559-66.	PMID:24457404
Effectiveness of abdominal acupuncture for patients with obesity-type polycystic ovary syndrome: a randomized controlled trial.	Zheng YH, Wang XH, Lai MH, Yao H, Liu H, Ma HX.	J Altern Complement Med. 2013 Sep;19(9):740-5. doi: 10.1089/acm.2012.0429. Epub 2013 May 15.	PMID:23676106
Improved efficacy of low-dose spironolactone and metformin combination than either drug alone in the management of women with polycystic ovary syndrome (PCOS): a six-month, open-label randomized study.	Ganie MA, Khurana ML, Nisar S, Shah PA, Shah ZA, Kulshrestha B, Gupta N, Zargar MA, Wani TA, Mudasar S, Mir FA, Taing S.	J Clin Endocrinol Metab. 2013 Sep;98(9):3599-607. doi: 10.1210/jc.2013-1040. Epub 2013 Jul 11.	PMID:23846820
Clinical efficacy and metabolic impact of two different dosages of ethinyl-estradiol in association with	Romualdi D, De Cicco S, Busacca M, Gagliano D, Lanzzone A, Guido M.	J Endocrinol Invest. 2013 Sep;36(8):636-41.	PMID:24105072

drospirenone in normal-weight women with polycystic ovary syndrome: a randomized study.			
The effect of omega-3 supplementation on androgen profile and menstrual status in women with polycystic ovary syndrome: A randomized clinical trial.	Nadjarzadeh A, Dehghani Firouzabadi R, Vaziri N, Daneshbodi H, Lotfi MH, Mozaffari-Khosravi H.	Iran J Reprod Med. 2013 Aug;11(8):665-72.	PMID:24639805 PMCID:PMC3941370
Metformin versus chromium picolinate in clomiphene citrate-resistant patients with PCOs: A double-blind randomized clinical trial.	Amooee S, Parsanezhad ME, Ravanbod Shirazi M, Alborzi S, Samsami A.	Iran J Reprod Med. 2013 Aug;11(8):611-8.	PMID:24639797 PMCID:PMC3941367
The effects of drospirenone-ethinyl estradiol and drospirenone-ethinyl estradiol + metformin on ovarian ultrasonographic markers, body fat mass index, leptin, and ghrelin.	Cakiroglu Y, Vural B, Isgoren S.	Arch Gynecol Obstet. 2013 Jul;288(1):213-20. doi: 10.1007/s00404-013-2742-y. Epub 2013 Feb 3.	PMID:23377194
Efficacy of combined metformin-letrozole in comparison with bilateral ovarian drilling in clomiphene-resistant infertile women with polycystic ovarian syndrome.	Abd Elgafor I.	Arch Gynecol Obstet. 2013 Jul;288(1):119-23. doi: 10.1007/s00404-013-2714-2. Epub 2013 Jan 30.	PMID:23361456
Effects of Cabergoline administration on uterine perfusion in women with polycystic ovary syndrome.	Mohammadbygi R, Yousefi SR, Shahghaybi S, Zandi S, Sharifi K, Gharibi F.	Pak J Med Sci. 2013 Jul;29(4):919-22.	PMID:24353659 PMCID:PMC3817777
Effects of acupuncture on the outcome of in vitro fertilisation and intracytoplasmic sperm injection in women with polycystic ovarian syndrome.	Rashidi BH, Tehrani ES, Hamedani NA, Pirzadeh L.	Acupunct Med. 2013 Jun;31(2):151-6. doi: 10.1136/acupmed-2012-010198. Epub 2013 Feb 1.	PMID:23376852
Effects of electroacupuncture and Chinese kidney-nourishing medicine on polycystic ovary syndrome in obese patients.	Yu L, Liao Y, Wu H, Zhao J, Wu L, Shi Y, Fang J.	J Tradit Chin Med. 2013 Jun;33(3):287-93.	PMID:24024320

Does pioglitazone improve depression through insulin-sensitization? Results of a randomized double-blind metformin-controlled trial in patients with polycystic ovarian syndrome and comorbid depression.	Kashani L, Omidvar T, Farazmand B, Modabbernia A, Ramzanzadeh F, Tehraninejad ES, Ashrafi M, Tabrizi M, Akhondzadeh S.	Psychoneuroendocrinology. 2013 Jun;38(6):767-76. doi: 10.1016/j.psyneuen.2012.08.010. Epub 2012 Sep 19.	PMID:22999261
Acupuncture for ovulation induction in polycystic ovary syndrome: a randomized controlled trial.	Johansson J, Redman L, Veldhuis PP, Sazonova A, Labrie F, Holm G, Johannsson G, Stener-Victorin E.	Am J Physiol Endocrinol Metab. 2013 May 1;304(9):E934-43. doi: 10.1152/ajpendo.00039.2013. Epub 2013 Mar 12.	PMID:23482444 PMCID:PMC4116535
Role of phyto-oestrogens in ovulation induction in women with polycystic ovarian syndrome.	Kamel HH.	Eur J Obstet Gynecol Reprod Biol. 2013 May;168(1):60-3. doi: 10.1016/j.ejogrb.2012.12.025. Epub 2013 Jan 21.	PMID:23347605
Prospective, randomized comparison between pulsatile GnRH therapy and combined gonadotropin (FSH+LH) treatment for ovulation induction in women with hypothalamic amenorrhea and underlying polycystic ovary syndrome.	Dubourdieu S, Fréour T, Dessolle L, Barrière P	Eur J Obstet Gynecol Reprod Biol. 2013 May;168(1):45-8. doi: 10.1016/j.ejogrb.2012.12.016. Epub 2013 Jan 5.	PMID:23298894
Free fatty acid binding protein-4 and retinol binding protein-4 in polycystic ovary syndrome: response to simvastatin and metformin therapies.	Karakas SE, Banaszewska B, Spaczynski RZ, Pawelczyk L, Duleba A.	Gynecol Endocrinol. 2013 May;29(5):483-7. doi: 10.3109/09513590.2013.774360. Epub 2013 Mar 12.	PMID:23480783
Serum free fatty acid levels in PCOS patients treated with glucophage, magnesium oxide and spironolactone.	Muneyyirci-Delale O, Kaplan J, Joulak I, Yang L, Von Gizycki H, Nacharaju VL.	Gynecol Endocrinol. 2013 May;29(5):474-7. doi: 10.3109/09513590.2013.769515. Epub 2013 Mar 6.	PMID:23461841
Pretreatment and co-administration of oral anti-diabetic agent with clomiphene citrate or rFSH for ovulation induction in	Begum MR, Akhter S, Ehsan M, Begum MS, Khan F.	J Obstet Gynaecol Res. 2013 May;39(5):966-73. doi: 10.1111/j.1447-0756.2012.02072.x.	PMID:23379651

clomiphene-citrate-resistant polycystic ovary syndrome.		Epub 2013 Feb 4.	
Endocrine and clinical effects of myo-inositol administration in polycystic ovary syndrome. A randomized study.	Artini PG, Di Berardino OM, Papini F, Genazzani AD, Simi G, Ruggiero M, Cela V.	Gynecol Endocrinol. 2013 Apr;29(4):375-9. doi: 10.3109/09513590.2012.743020. Epub 2013 Jan 22.	PMID:23336594
Effect of metformin compared with hypocaloric diet on serum C-reactive protein level and insulin resistance in obese and overweight women with polycystic ovary syndrome.	Esfahanian F, Zamani MM, Heshmat R, Moinia F.	J Obstet Gynaecol Res. 2013 Apr;39(4):806-13. doi: 10.1111/j.1447-0756.2012.02051.x. Epub 2012 Dec 21.	PMID:23279603
Effects of exercise and group counselling on body composition and VO2max in overweight women with polycystic ovary syndrome.	Roessler KK, Birkebaek C, Ravn P, Andersen MS, Glintborg D.	Acta Obstet Gynecol Scand. 2013 Mar;92(3):272-7. doi: 10.1111/aogs.12064. Epub 2013 Jan 21.	PMID:23237575
Office microlaparoscopic ovarian drilling (OMLOD) versus conventional laparoscopic ovarian drilling (LOD) for women with polycystic ovary syndrome.	Salah IM.	Arch Gynecol Obstet. 2013 Feb;287(2):361-7. doi: 10.1007/s00404-012-2526-9. Epub 2012 Sep 1.	PMID:22941326
Effects of low-dose metformin and rosiglitazone on biochemical, clinical, metabolic and biophysical outcomes in polycystic ovary syndrome.	Mohiyiddeen L, Watson AJ, Apostolopoulos NV, Berry R, Alexandraki KI, Jude EB.	J Obstet Gynaecol. 2013 Feb;33(2):165-70. doi: 10.3109/01443615.2012.745839.	PMID:23445141
Preincisional infiltration and intraperitoneal instillation of levobupivacaine 0.25% for management of early postoperative pain following laparoscopic ovarian drilling.	Ismail MT, Hassanin MZ, Elshmaa NS.	J Obstet Gynaecol Res. 2013 Feb;39(2):543-8. doi: 10.1111/j.1447-0756.2012.01989.x. Epub 2012 Aug 26.	PMID:22925421
Human Menopausal Gonadotropin versus Recombinant FSH in Polycystic Ovary Syndrome Patients Undergoing In Vitro Fertilization.	Figen Turkcapar A, Seckin B, Onalan G, Ozdener T, Batioglu S.	Int J Fertil Steril. 2013 Jan;6(4):238-43. Epub 2013 Mar 3.	PMID:24520446 PMCID:PMC3850313
Metformin-clomiphene citrate vs. clomiphene citrate alone: Polycystic	Ayaz A, Alwan Y, Farooq MU.	J Hum Reprod Sci. 2013 Jan;6(1):15-8. doi: 10.4103/0974-1208.112372.	PMID:23869144 PMCID:PMC3713569

ovarian syndrome.			
Benefits of omega-3 Fatty acids supplementation on serum paraoxonase 1 activity and lipids ratios in polycystic ovary syndrome.	Mohammadi E, Rafrat M.	Health Promot Perspect. 2012 Dec 28;2(2):197-204. doi: 10.5681/hpp.2012.023. eCollection 2012.	PMID:24688934 PMCID:PMC3963626
The effects of treatment with drospirenone/ethinyl oestradiol alone or in combination with metformin on elastic properties of aorta in women with polycystic ovary syndrome.	Kaya MG, Calapkorur B, Karaca Z, Yildirim S, Celik A, Akpek M, Unluhizarci K, Kelestimur F.	Clin Endocrinol (Oxf). 2012 Dec;77(6):885-92. doi: 10.1111/j.1365-2265.2012.04436.x.	PMID:22563947
Early initiation of gonadotropin-releasing hormone antagonist in polycystic ovarian syndrome patients undergoing assisted reproduction: randomized controlled trial ISRCTN69937179.	Abuzeid MI, Mitwally M, Abuzeid YM, Bokhari HA, Ashraf M, Diamond MP.	J Assist Reprod Genet. 2012 Nov;29(11):1193-202. doi: 10.1007/s10815-012-9850-7. Epub 2012 Sep 8.	PMID:22960769 PMCID:PMC3510369
Skin improvement with two different oestrogenic hormones in patients affected by acne and polycystic ovary syndrome: clinical and instrumental evaluation.	Colonna L, Pacifico V, Lello S, Sorge R, Raskovic D, Primavera G.	J Eur Acad Dermatol Venereol. 2012 Nov;26(11):1364-71. doi: 10.1111/j.1468-3083.2011.04292.x. Epub 2011 Oct 19.	PMID:22011217
Comparative study of the therapeutic effects of oral contraceptive pills containing desogestrel, cyproterone acetate, and drospirenone in patients with polycystic ovary syndrome.	Bhattacharya SM, Jha A.	Fertil Steril. 2012 Oct;98(4):1053-9. doi: 10.1016/j.fertnstert.2012.06.035. Epub 2012 Jul 13.	PMID:22795636
Omega-3 fatty acids improve glucose metabolism without effects on obesity values and serum visfatin levels in women with polycystic ovary syndrome.	Rafrat M, Mohammadi E, Asghari-Jafarabadi M, Farzadi L.	J Am Coll Nutr. 2012 Oct;31(5):361-8.	PMID:23529993
IVF/ICSI outcomes of the OCP plus GnRH agonist protocol versus the OCP plus GnRH antagonist fixed protocol in women with PCOS: a randomized trial.	Haydardedeoglu B, Kilicdag EB, Parlakgumus AH, Zeyneloglu HB.	Arch Gynecol Obstet. 2012 Sep;286(3):763-9. doi: 10.1007/s00404-012-2348-9. Epub 2012 May 9.	PMID:22569710
The effects of 2 mg chlormadinone	Vieira CS, Martins WP,	Contraception. 2012 Sep;86(3):268-	PMID:22464410

acetate/30 mcg ethinylestradiol, alone or combined with spironolactone, on cardiovascular risk markers in women with polycystic ovary syndrome.	Fernandes JB, Soares GM, dos Reis RM, de Sá MF, Ferriani RA	75. doi: 10.1016/j.contraception.2011.12.011. Epub 2012 Mar 28.	
N-Acetylcysteine as an adjuvant to clomiphene citrate for successful induction of ovulation in infertile patients with polycystic ovary syndrome.	Salehpour S, Sene AA, Saharkhiz N, Sohrabi MR, Moghimian F.	J Obstet Gynaecol Res. 2012 Sep;38(9):1182-6. doi: 10.1111/j.1447-0756.2012.01844.x. Epub 2012 Apr 30.	PMID:22540635
Sibutramine administration decreases serum anti-Müllerian hormone (AMH) levels in women with polycystic ovary syndrome.	Vosnakis C, Georgopoulos NA, Armeni AK, Papadakis E, Roupas ND, Katsikis I, Panidis D.	Eur J Obstet Gynecol Reprod Biol. 2012 Aug;163(2):185-9. doi: 10.1016/j.ejogrb.2012.04.014. Epub 2012 May 11.	PMID:22579228
Effect of a yoga program on glucose metabolism and blood lipid levels in adolescent girls with polycystic ovary syndrome.	Nidhi R, Padmalatha V, Nagarathna R, Ram A.	Int J Gynaecol Obstet. 2012 Jul;118(1):37-41. doi: 10.1016/j.ijgo.2012.01.027. Epub 2012 Apr 14.	PMID:22507264
Comparison of the effects of letrozole and clomiphene citrate for ovulation induction in infertile women with polycystic ovary syndrome.	Nahid L, Sirous K.	Minerva Ginecol. 2012 Jun;64(3):253-8.	PMID:22635021
Effect of hCG priming on embryonic development of immature oocytes collected from unstimulated women with polycystic ovarian syndrome.	Zheng X, Wang L, Zhen X, Lian Y, Liu P, Qiao J.	Reprod Biol Endocrinol. 2012 May 24;10:40. doi: 10.1186/1477-7827-10-40.	PMID:22621829 PMCID:PMC3499152
Therapeutic effects of calcium & vitamin D supplementation in women with PCOS.	Firouzabadi Rd, Aflatoonian A, Modarresi S, Sekhavat L, MohammadTaheri S.	Complement Ther Clin Pract. 2012 May;18(2):85-8. doi: 10.1016/j.ctcp.2012.01.005. Epub 2012 Feb 20.	PMID:22500844
The combined therapy with myo-inositol and D-chiro-inositol reduces the risk of metabolic disease in PCOS overweight patients compared to myo-inositol supplementation alone.	Nordio M, Proietti E.	Eur Rev Med Pharmacol Sci. 2012 May;16(5):575-81.	PMID:22774396

Evaluation of the effect of metformin and aspirin on utero placental circulation of pregnant women with PCOS.	Jamal A, Milani F, Al-Yasin A.	Iran J Reprod Med. 2012 May;10(3):265-70.	PMID:25243003 PMCID:PMC4165971
Comparison of highly purified urinary versus recombinant FSH: Effect on ART outcomes in polycystic ovary syndrome.	Sohrabvand F, Sheikhhassani S, Bagheri M, Haghollahi F, Shabihkhani M, Shariat M, Nasr Esfahani M.	Iran J Reprod Med. 2012 May;10(3):229-36.	PMID:25242998 PMCID:PMC4165966
Metformin improves pregnancy and live-birth rates in women with polycystic ovary syndrome (PCOS): a multicenter, double-blind, placebo-controlled randomized trial.	Morin-Papunen L, Rantala AS, Unkila-Kallio L, Tiitinen A, Hippeläinen M, Perheentupa A, Tinkanen H, Bloigu R, Puukka K, Ruokonen A, Tapanainen JS.	J Clin Endocrinol Metab. 2012 May;97(5):1492-500. doi: 10.1210/jc.2011-3061. Epub 2012 Mar 14.	PMID:22419702
Inositol administration reduces oxidative stress in erythrocytes of patients with polycystic ovary syndrome.	Donà G, Sabbadin C, Fiore C, Bragadin M, Giorgino FL, Ragazzi E, Clari G, Bordin L, Armanini D.	Eur J Endocrinol. 2012 Apr;166(4):703-10. doi: 10.1530/EJE-11-0840. Epub 2012 Jan 5.	PMID:22223702
A randomized controlled trial of the effect of rosiglitazone and clomiphene citrate versus clomiphene citrate alone in overweight/obese women with polycystic ovary syndrome.	Mohsen IA.	Gynecol Endocrinol. 2012 Apr;28(4):269-72. doi: 10.3109/09513590.2011.614207. Epub 2011 Oct 4.	PMID:21970545
The Effect of Flutamide on Ovulation Induction in PCOS Patients.	Madani T, Irani SI, Ashrafi M, Nabavi MA.	Int J Fertil Steril. 2012 Apr;6(1):65-9. Epub 2012 Jun 19.	PMID:25505514 PMCID:PMC4260636
Enhanced ovarian follicular development by metformin does not correlate with pregnancy rate: a randomized trial.	Basirat Z, Kashifard M, Amiri MG.	Int J Fertil Steril. 2012 Apr;6(1):31-6. Epub 2012 Jun 19.	PMID:25505509 PMCID:PMC4260640
Beneficial effects of a high-protein, low-glycemic-load hypocaloric diet in	Mehrabani HH, Salehpour S, Amiri Z, Farahani SJ,	J Am Coll Nutr. 2012 Apr;31(2):117-25.	PMID:22855917

overweight and obese women with polycystic ovary syndrome: a randomized controlled intervention study.	Meyer BJ, Tahbaz F.		
Comparison of efficacy of letrozole and clomiphene citrate in ovulation induction in Indian women with polycystic ovarian syndrome.	Banerjee Ray P, Ray A, Chakraborti PS.	Arch Gynecol Obstet. 2012 Mar;285(3):873-7. doi: 10.1007/s00404-011-2091-7. Epub 2011 Oct 7.	PMID:21984038
Effectiveness of GnRH antagonist multiple dose protocol applied during early and late follicular phase compared with GnRH agonist long protocol in non-obese and obese patients with polycystic ovary syndrome undergoing IVF/ICSI.	Kim CH, Moon JW, Kang HJ, Ahn JW, Kim SH, Chae HD, Kang BM.	Clin Exp Reprod Med. 2012 Mar;39(1):22-7. doi: 10.5653/cerm.2012.39.1.22. Epub 2012 Mar 31.	PMID:22563547 PMCID:PMC3341448
Metformin versus lifestyle changes in treating women with polycystic ovary syndrome.	Curi DD, Fonseca AM, Marcondes JA, Almeida JA, Bagnoli VR, Soares JM Jr, Baracat EC.	Gynecol Endocrinol. 2012 Mar;28(3):182-5. doi: 10.3109/09513590.2011.583957. Epub 2012 Feb 6.	PMID:22309675
The laparoscopic ovarian electrocautery versus gonadotropin therapy in infertile women with clomiphene citrate-resistant polycystic ovary syndrome; a randomized controlled trial.	Mehrabian F, Eessaei F.	J Pak Med Assoc. 2012 Mar;62(3 Suppl 2):S42-4.	PMID:22768457
Vitamin D supplementation has no effect on insulin resistance assessment in women with polycystic ovary syndrome and vitamin D deficiency.	Ardabili HR, Gargari BP, Farzadi L.	Nutr Res. 2012 Mar;32(3):195-201. doi: 10.1016/j.nutres.2012.02.001.	PMID:22464806
Minimal stimulation or clomiphene citrate as first-line therapy in women with polycystic ovary syndrome: a randomized controlled trial.	Abu Hashim H, Bazeed M, Abd Elaal I.	Gynecol Endocrinol. 2012 Feb;28(2):87-90. doi: 10.3109/09513590.2011.589924. Epub 2011 Jul 20.	PMID:21770837
Clomifene citrate or low-dose FSH for the first-line treatment of infertile	R Homburg , M L Hendriks, T E König, R A	Hum Reprod. 2012 Feb;27(2):468-73. doi: 10.1093/humrep/der401. Epub	PMID:22128296

women with anovulation associated with polycystic ovary syndrome: a prospective randomized multinational study.	Anderson, A H Balen, M Brincat, T Child, M Davies, T D'Hooghe, A Martinez, M Rajkhowa, R Rueda-Saenz, P Hompes, C B Lambalk	2011 Nov 28.	
Effect of metformin and pioglitazone treatment on cardiovascular risk profile in polycystic ovary syndrome.	Ziaee A, Oveisi S, Abedini A, Hashemipour S, Karimzadeh T, Ghorbani A.	Acta Med Indones. 2012 Jan;44(1):16-22.	PMID:22451180
Effects of omega-3 fatty acids supplementation on serum adiponectin levels and some metabolic risk factors in women with polycystic ovary syndrome.	Mohammadi E, Rafrat M, Farzadi L, Asghari-Jafarabadi M, Sabour S.	Asia Pac J Clin Nutr. 2012;21(4):511-8.	PMID:23017309
Assessing the benefits of rosiglitazone in women with polycystic ovary syndrome through its effects on insulin-like growth factor 1, insulin-like growth factor-binding protein-3 and insulin resistance: a pilot study.	Batista JG, Soares JM Jr, Maganhin CC, Simões RS, Tomaz G, Baracat EC.	Clinics (Sao Paulo). 2012;67(3):283-7. No abstract available.	PMID:22473412 PMCID:PMC3297040
Supportive relationships--psychological effects of group counselling in women with polycystic ovary syndrome (PCOS).	Roessler KK, Grintborg D, Ravn P, Birkebaek C, Andersen M.	Commun Med. 2012;9(2):125-31.	PMID:24498697
A clinical study on the short-term effect of berberine in comparison to metformin on the metabolic characteristics of women with polycystic ovary syndrome.	Wei W, Zhao H, Wang A, Sui M, Liang K, Deng H, Ma Y, Zhang Y, Zhang H, Guan Y.	Eur J Endocrinol. 2012 Jan;166(1):99-105. doi: 10.1530/EJE-11-0616. Epub 2011 Oct 21.	PMID:22019891
Diament therapy in polycystic ovary syndrome reduces hyperinsulinaemia, insulin resistance, and hyperandrogenaemia.	Hernández-Yero A, Santana Pérez F, Ovies Carballo G, Cabrera-Rode E.	Int J Endocrinol. 2012;2012:382719. doi: 10.1155/2012/382719. Epub 2012 Jun 21.	PMID:22778733 PMCID:PMC3388435
The effect of low dose human chorionic gonadotropin on follicular response and oocyte maturation in PCOS patients	Ashrafi M, Kiani K, Ghasemi A, Rastegar F, Nabavi M.	Arch Gynecol Obstet. 2011 Dec;284(6):1431-8. doi: 10.1007/s00404-010-1827-0. Epub	PMID:21210134

undergoing IVF cycles: a randomized clinical trial of efficacy and safety.		2011 Jan 6.	
Metformin reduces risk of ovarian hyperstimulation syndrome in patients with polycystic ovary syndrome during gonadotropin-stimulated in vitro fertilization cycles: a randomized, controlled trial.	Palomba S, Falbo A, Carrillo L, Villani MT, Orio F, Russo T, Di Cello A, Cappiello F, Capasso S, Tolino A, Colao A, Mastrantonio P, La Sala GB, Zullo F, Cittadini E; METformin in High Responder Italian Group..	Fertil Steril. 2011 Dec;96(6):1384-1390.e4. doi: 10.1016/j.fertnstert.2011.09.020. Epub 2011 Oct 7.	PMID:21982727
Randomized comparison of the influence of dietary management and/or physical exercise on ovarian function and metabolic parameters in overweight women with polycystic ovary syndrome.	Nybacka Å, Carlström K, Ståhle A, Nyrén S, Hellström PM, Hirschberg AL.	Fertil Steril. 2011 Dec;96(6):1508-13. doi: 10.1016/j.fertnstert.2011.09.006. Epub 2011 Sep 29.	PMID:21962963
Metabolic and endocrine effects of long-chain versus essential omega-3 polyunsaturated fatty acids in polycystic ovary syndrome.	Vargas ML, Almarino RU, Buchan W, Kim K, Karakas SE.	Metabolism. 2011 Dec;60(12):1711-8. doi: 10.1016/j.metabol.2011.04.007. Epub 2011 Jun 2.	PMID:21640360 PMCID:PMC3210884
Laparoscopic ovarian diathermy after clomiphene failure in polycystic ovary syndrome: is it worthwhile? A randomized controlled trial.	Abu Hashim H, Foda O, Ghayaty E, Elawa A.	Arch Gynecol Obstet. 2011 Nov;284(5):1303-9. doi: 10.1007/s00404-011-1983-x. Epub 2011 Jul 14.	PMID:21755338
Clinical, endocrine and metabolic effects of metformin vs N-acetyl-cysteine in women with polycystic ovary syndrome.	Oner G, Muderris II.	Eur J Obstet Gynecol Reprod Biol. 2011 Nov;159(1):127-31. doi: 10.1016/j.ejogrb.2011.07.005. Epub 2011 Aug 9.	PMID:21831508
Clomiphene citrate versus tamoxifen for ovulation induction in women with PCOS: a prospective randomized trial.	Badawy A, Gibreal A.	Eur J Obstet Gynecol Reprod Biol. 2011 Nov;159(1):151-4. doi: 10.1016/j.ejogrb.2011.07.015. Epub 2011 Aug 9.	PMID:21831503
Does metformin affect the ovarian response to gonadotropins for in vitro	Palomba S, Falbo A, Di Cello A, Cappiello F,	Fertil Steril. 2011 Nov;96(5):1128-33. doi: 10.1016/j.fertnstert.2011.08.020.	PMID:21917254

fertilization treatment in patients with polycystic ovary syndrome and reduced ovarian reserve? A randomized controlled trial.	Tolino A, Zullo F.	Epub 2011 Sep 13.	
Effect of high-protein or normal-protein diet on weight loss, body composition, hormone, and metabolic profile in southern Brazilian women with polycystic ovary syndrome: a randomized study.	Toscani MK, Mario FM, Radavelli-Bagatini S, Wiltgen D, Matos MC, Spritzer PM.	Gynecol Endocrinol. 2011 Nov;27(11):925-30. doi: 10.3109/09513590.2011.564686. Epub 2011 May 31.	PMID:21627406
The effect of a combination therapy with myo-inositol and a combined oral contraceptive pill versus a combined oral contraceptive pill alone on metabolic, endocrine, and clinical parameters in polycystic ovary syndrome.	Minozzi M, Costantino D, Guaraldi C, Unfer V.	Gynecol Endocrinol. 2011 Nov;27(11):920-4. doi: 10.3109/09513590.2011.564685. Epub 2011 Mar 21.	PMID:21417594
Clomiphene citrate versus letrozole: molecular analysis of the endometrium in women with polycystic ovary syndrome.	Wallace KL, Johnson V, Sopelak V, Hines R.	Fertil Steril. 2011 Oct;96(4):1051-6. doi: 10.1016/j.fertnstert.2011.07.1092.	PMID:21851939
True and sham acupuncture produced similar frequency of ovulation and improved LH to FSH ratios in women with polycystic ovary syndrome.	Pastore LM, Williams CD, Jenkins J, Patrie JT.	J Clin Endocrinol Metab. 2011 Oct;96(10):3143-50. doi: 10.1210/jc.2011-1126. Epub 2011 Aug 3.	PMID:21816787 PMCID:PMC3200239
Prognostic value of total testosterone for pregnancy during treatment in patients with clomiphene-citrate-resistant polycystic ovary syndrome: a pilot study.	Li C, Cheng J, Wang J, Xue Y, Huang Z, Zhang S, Lv J.	Arch Gynecol Obstet. 2011 Sep;284(3):757-64. doi: 10.1007/s00404-011-1924-8. Epub 2011 May 26.	PMID:21614496
Prospective, randomized comparison between raloxifene and clomiphene citrate for ovulation induction in polycystic ovary syndrome.	de Paula Guedes Neto E, Savaris RF, von Eye Corleta H, de Moraes GS, do Amaral Cristovam R,	Fertil Steril. 2011 Sep;96(3):769-73. doi: 10.1016/j.fertnstert.2011.06.067. Epub 2011 Jul 22.	PMID:21782166

	Lessey BA.		
Inflammatory-metabolic parameters in obese and nonobese normoandrogenemic polycystic ovary syndrome during metformin and oral contraceptive treatment.	Kilic S, Yilmaz N, Zulfikaroglu E, Erdogan G, Aydin M, Batioglu S.	Gynecol Endocrinol. 2011 Sep;27(9):622-9. doi: 10.3109/09513590.2010.530706. Epub 2010 Nov 25.	PMID:21105835
Randomized controlled trial of different doses of metformin for ovulation induction in infertile women with polycystic ovary syndrome.	Weerakiet S, Sophonsritsuk A, Lertvikool S, Satirapot C, Leelaphiwat S, Jultanas R.	J Obstet Gynaecol Res. 2011 Sep;37(9):1229-37. doi: 10.1111/j.1447-0756.2010.01507.x. Epub 2011 Apr 26.	PMID:21518135
Efficacy of Chinese patent medicine Tian Gui Capsule in patients with polycystic ovary syndrome: a randomized controlled trial.	Kuek S, Wang WJ, Gui SQ.	Zhong Xi Yi Jie He Xue Bao. 2011 Sep;9(9):965-72.	PMID:21906521
Effect of combined metformin and oral contraceptive therapy on metabolic factors and endothelial function in overweight and obese women with polycystic ovary syndrome.	Essah PA, Arrowood JA, Cheang KI, Adawadkar SS, Stovall DW, Nestler JE.	Fertil Steril. 2011 Aug;96(2):501-504.e2. doi: 10.1016/j.fertnstert.2011.05.091. Epub 2011 Jul 5.	PMID:21733508 PMCID:PMC4480914
The reproductive and metabolic effect of rosiglitazone on Chinese women with polycystic ovarian syndrome--a double-blind randomized placebo-controlled study.	Lam PM, Tam WH, Ma RC, Cheung LP, Tsui MH, Tong PC, Chow FC, Lam CW, Chan MH, Chan JC, Haines CJ.	Fertil Steril. 2011 Aug;96(2):445-451.e1. doi: 10.1016/j.fertnstert.2011.05.085. Epub 2011 Jul 1.	PMID:21722894
Use of metformin before and during assisted reproductive technology in non-obese young infertile women with polycystic ovary syndrome: a prospective, randomized, double-blind, multi-centre study.	Kjærtrød SB, Carlsen SM, Rasmussen PE, Holst-Larsen T, Mellembakken J, Thurin-Kjellberg A, Haapaniemikouru K, Morin-Papunen L, Humaidan P, Sunde A, von Düring V.	Hum Reprod. 2011 Aug;26(8):2045-53. doi: 10.1093/humrep/der154. Epub 2011 May 23.	PMID:21606131
Simvastatin effects on androgens,	Rashidi B, Abediasl J,	J Investig Med. 2011 Aug;59(6):912-6.	PMID:21527854

inflammatory mediators, and endogenous pituitary gonadotropins among patients with PCOS undergoing IVF: results from a prospective, randomized, placebo-controlled clinical trial.	Tehranejad E, Rahmanpour H, Sills ES.	doi: 10.2310/JIM.0b013e31821bfd9c.	
Effect of short-term standard therapeutic regimens on neuropeptide Y and adipose tissue hormones in overweight insulin-resistant women with polycystic ovary syndrome.	Orbetzova MM, Pehlivanov BK, Mitkov MM, Atanassova IB, Kamenov ZA, Kolarov GB, Genchev GD.	Folia Med (Plovdiv). 2011 Jul-Sep;53(3):15-24.	PMID:22359978
The effects of metformin or orlistat on obese women with polycystic ovary syndrome: a prospective randomized open-label study.	Ghandi S, Aflatoonian A, Tabibnejad N, Moghaddam MH.	J Assist Reprod Genet. 2011 Jul;28(7):591-6. doi: 10.1007/s10815-011-9564-2. Epub 2011 Apr 12.	PMID:21484319 PMCID:PMC3162050
Effects of metformin in adolescents with polycystic ovary syndrome undertaking lifestyle therapy: a pilot randomized double-blind study.	Ladson G, Dodson WC, Sweet SD, Archibong AE, Kunselman AR, Demers LM, Lee PA, Williams NI, Coney P, Legro RS.	Fertil Steril. 2011 Jun 30;95(8):2595-8.e1-6. doi: 10.1016/j.fertnstert.2011.05.048.	PMID:21704212 PMCID:PMC3783023
Reproductive outcome after letrozole versus laparoscopic ovarian drilling for clomiphene-resistant polycystic ovary syndrome.	Abdellah MS.	Int J Gynaecol Obstet. 2011 Jun;113(3):218-21. doi: 10.1016/j.ijgo.2010.11.026. Epub 2011 Apr 1.	PMID:21457973
Effect of weight loss on menstrual function in adolescents with polycystic ovary syndrome.	Ornstein RM, Copperman NM, Jacobson MS.	J Pediatr Adolesc Gynecol. 2011 Jun;24(3):161-5. doi: 10.1016/j.jpag.2011.01.002. Epub 2011 Mar 21.	PMID:21419674
Drospirenone/ethinyl estradiol versus rosiglitazone treatment in overweight adolescents with polycystic ovary syndrome: comparison of metabolic, hormonal, and cardiovascular risk factors.	Tfayli H, Ulnach JW, Lee S, Sutton-Tyrrell K, Arslanian S.	J Clin Endocrinol Metab. 2011 May;96(5):1311-9. doi: 10.1210/jc.2010-2547. Epub 2011 Feb 16.	PMID:21325466 PMCID:PMC3203622

Intrauterine insemination versus timed intercourse with clomiphene citrate in polycystic ovary syndrome: a randomized controlled trial.	Abu Hashim H, Ombar O, Abd Elaal I.	Acta Obstet Gynecol Scand. 2011 Apr;90(4):344-50. doi: 10.1111/j.1600-0412.2010.01063.x. Epub 2011 Feb 14.	PMID:21306326
Effects of atorvastatin on vascular function, inflammation, and androgens in women with polycystic ovary syndrome: a double-blind, randomized, placebo-controlled trial.	Raja-Khan N, Kunselman AR, Hogeman CS, Stetter CM, Demers LM, Legro RS.	Fertil Steril. 2011 Apr;95(5):1849-52. doi: 10.1016/j.fertnstert.2010.11.040. Epub 2010 Dec 8.	PMID:21144505 PMCID:PMC3062732
Letrozole versus Clomiphene Citrate for Induction of Ovulation in Patients with Polycystic Ovarian Syndrome Undergoing Intrauterine Insemination.	Hendawy SF, Samaha HE, Elkholy MF.	Clin Med Insights Reprod Health. 2011 Mar 14;5:11-6. doi: 10.4137/CMRH.S6598. eCollection 2011 Mar 14.	PMID:24453507 PMCID:PMC3888072
Hormonal and metabolic effects of polyunsaturated fatty acids in young women with polycystic ovary syndrome: results from a cross-sectional analysis and a randomized, placebo-controlled, crossover trial.	Phelan N, O'Connor A, Kyaw Tun T, Correia N, Boran G, Roche HM, Gibney J.	Am J Clin Nutr. 2011 Mar;93(3):652-62. doi: 10.3945/ajcn.110.005538. Epub 2011 Jan 26.	PMID:21270384
Metformin versus metformin plus rosiglitazone in women with polycystic ovary syndrome.	Liao L, Tian YJ, Zhao JJ, Xin Y, Xing HY, Dong JJ.	Chin Med J (Engl). 2011 Mar;124(5):714-8.	PMID:21518564
Differential effects of walnuts vs almonds on improving metabolic and endocrine parameters in PCOS.	Kalgaonkar S, Almario RU, Gurusinghe D, Garamendi EM, Buchan W, Kim K, Karakas SE.	Eur J Clin Nutr. 2011 Mar;65(3):386-93. doi: 10.1038/ejcn.2010.266. Epub 2010 Dec 15.	PMID:21157477
The effects of metformin with lifestyle therapy in polycystic ovary syndrome: a randomized double-blind study.	Ladson G, Dodson WC, Sweet SD, Archibong AE, Kunselman AR, Demers LM, Williams NI, Coney P, Legro RS.	Fertil Steril. 2011 Mar 1;95(3):1059-66.e1-7. doi: 10.1016/j.fertnstert.2010.12.002. Epub 2010 Dec 30.	PMID:21193187 PMCID:PMC3073705
Laparoscopic ovarian drilling in polycystic ovary syndrome: efficacy of adjusted thermal dose based on ovarian	Zakherah MS, Kamal MM, Hamed HO.	Fertil Steril. 2011 Mar 1;95(3):1115-8. doi: 10.1016/j.fertnstert.2010.10.037.	PMID:21075366

volume.			
Combined metformin and clomiphene citrate versus highly purified FSH for ovulation induction in clomiphene-resistant PCOS women: a randomised controlled trial.	Abu Hashim H, Wafa A, El Rakhawy M.	Gynecol Endocrinol. 2011 Mar;27(3):190-6. doi: 10.3109/09513590.2010.488771. Epub 2010 Jun 23.	PMID:20568955
Combined metformin and clomiphene citrate versus laparoscopic ovarian diathermy for ovulation induction in clomiphene-resistant women with polycystic ovary syndrome: a randomized controlled trial.	Abu Hashim H, El Lakany N, Sherief L.	J Obstet Gynaecol Res. 2011 Mar;37(3):169-77. doi: 10.1111/j.1447-0756.2010.01383.x. Epub 2010 Nov 28.	PMID:21114583
Effect of soy phytoestrogen on metabolic and hormonal disturbance of women with polycystic ovary syndrome.	Khani B, Mehrabian F, Khalesi E, Eshraghi A.	J Res Med Sci. 2011 Mar;16(3):297-302.	PMID:22091248 PMCID:PMC3214337
Impact of electro-acupuncture and physical exercise on hyperandrogenism and oligo/amenorrhea in women with polycystic ovary syndrome: a randomized controlled trial.	Jedel E, Labrie F, Odén A, Holm G, Nilsson L, Janson PO, Lind AK, Ohlsson C, Stener-Victorin E	Am J Physiol Endocrinol Metab. 2011 Jan;300(1):E37-45. doi: 10.1152/ajpendo.00495.2010. Epub 2010 Oct 13.	PMID:20943753
Effect of the insulin sensitizers metformin and pioglitazone on endothelial function in young women with polycystic ovary syndrome: a prospective randomized study.	Naka KK, Kalantaridou SN, Kravariti M, Bechlioulis A, Kazakos N, Calis KA, Makrigiannakis A, Katsouras CS, Chrousos GP, Tsatsoulis A, Michalis LK.	Fertil Steril. 2011 Jan;95(1):203-9. doi: 10.1016/j.fertnstert.2010.06.058. Epub 2010 Aug 4.	PMID:20684955
Metformin-letrozole in comparison with Metformin-clomiphene citrate in clomiphene-resistance PCOS patients undergoing IUI.	Davar R, Javedani M, Fallahzadeh MH.	Iran J Reprod Med. 2011 Winter;9(1):31-6.	PMID:25356079 PMCID:PMC4212143
Aromatase inhibitors in women with clomiphene citrate resistance: a randomized, double-blind, placebo-	Kamath MS, Aleyamma TK, Chandy A, George K.	Fertil Steril. 2010 Dec;94(7):2857-9. doi: 10.1016/j.fertnstert.2010.06.008. Epub 2010 Jul 17.	PMID:20638059

controlled trial.			
L-arginine plus drospirenone-ethinyl estradiol in the treatment of patients with PCOS: a prospective, placebo controlled, randomised, pilot study.	Battaglia C, Mancini F, Battaglia B, Facchinetti F, Artini PG, Venturoli S.	Gynecol Endocrinol. 2010 Dec;26(12):861-8. doi: 10.3109/09513590.2010.501882. Epub 2010 Jul 20.	PMID:20642382
Maitake mushroom (Grifola frondosa) extract induces ovulation in patients with polycystic ovary syndrome: a possible monotherapy and a combination therapy after failure with first-line clomiphene citrate.	Chen JT, Tominaga K, Sato Y, Anzai H, Matsuoka R.	J Altern Complement Med. 2010 Dec;16(12):1295-9. doi: 10.1089/acm.2009.0696. Epub 2010 Oct 29.	PMID:21034160
Metformin versus placebo from first trimester to delivery in polycystic ovary syndrome: a randomized, controlled multicenter study.	Vanky E, Stridsklev S, Heimstad R, Romundstad P, Skogøy K, Kleggetveit O, Hjelle S, von Brandis P, Eikeland T, Flo K, Berg KF, Bunford G, Lund A, Bjerke C, Almås I, Berg AH, Danielson A, Lahmami G, Carlsen SM.	J Clin Endocrinol Metab. 2010 Dec;95(12):E448-55. doi: 10.1210/jc.2010-0853. Epub 2010 Oct 6.	PMID:20926533
Letrozole versus laparoscopic ovarian diathermy for ovulation induction in clomiphene-resistant women with polycystic ovary syndrome: a randomized controlled trial.	Abu Hashim H, Mashaly AM, Badawy A.	Arch Gynecol Obstet. 2010 Nov;282(5):567-71. doi: 10.1007/s00404-010-1566-2. Epub 2010 Jun 26.	PMID:20577748
Atorvastatin increases 25-hydroxy vitamin D concentrations in patients with polycystic ovary syndrome.	Sathyapalan T, Shepherd J, Arnett C, Coady AM, Kilpatrick ES, Atkin SL.	Clin Chem. 2010 Nov;56(11):1696-700. doi: 10.1373/clinchem.2010.144014. Epub 2010 Sep 3.	PMID:20817794
The effect of modifying dietary protein and carbohydrate in weight loss on arterial compliance and postprandial lipidemia in overweight women with polycystic ovary syndrome.	Moran LJ, Noakes M, Clifton PM, Norman RJ.	Fertil Steril. 2010 Nov;94(6):2451-4. doi: 10.1016/j.fertnstert.2010.02.057. Epub 2010 Apr 10.	PMID:20385380

Metformin, naltrexone, or the combination of prednisolone and antiandrogenic oral contraceptives as first-line therapy in hyperinsulinemic women with polycystic ovary syndrome.	Hadžiomerović-Pekić D, Wildt L, Weiss JM, Moeller K, Mattle V, Seeber BE	Fertil Steril. 2010 Nov;94(6):2385-8. doi: 10.1016/j.fertnstert.2010.02.041. Epub 2010 Mar 31.	PMID:20356587
Effects of metformin plus simvastatin on polycystic ovary syndrome: a prospective, randomized, double-blind, placebo-controlled study.	Kazerooni T, Shojaei-Baghini A, Dehbashi S, Asadi N, Ghaffarpasand F, Kazerooni Y.	Fertil Steril. 2010 Nov;94(6):2208-13. doi: 10.1016/j.fertnstert.2009.11.045. Epub 2010 Jan 15.	PMID:20079899
Six weeks of structured exercise training and hypocaloric diet increases the probability of ovulation after clomiphene citrate in overweight and obese patients with polycystic ovary syndrome: a randomized controlled trial.	Palomba S, Falbo A, Giallauria F, Russo T, Rocca M, Tolino A, Zullo F, Orio F.	Hum Reprod. 2010 Nov;25(11):2783-91. doi: 10.1093/humrep/deq254. Epub 2010 Sep 21.	PMID:20858697
N-acetyl cysteine plus clomiphene citrate versus metformin and clomiphene citrate in treatment of clomiphene-resistant polycystic ovary syndrome: a randomized controlled trial.	Abu Hashim H, Anwar K, El-Fatah RA.	J Womens Health (Larchmt). 2010 Nov;19(11):2043-8. doi: 10.1089/jwh.2009.1920. Epub 2010 Oct 12.	PMID:20939675
Comparison of effects of 3 mg drospirenone plus 20 µg ethinyl estradiol alone or combined with metformin or cyproterone acetate on classic metabolic cardiovascular risk factors in nonobese women with polycystic ovary syndrome.	Fruzzetti F, Perini D, Lazzarini V, Parrini D, Gambacciani M, Genazzani AR.	Fertil Steril. 2010 Oct;94(5):1793-8. doi: 10.1016/j.fertnstert.2009.10.016.	PMID:19931080
Comparison of GnRH antagonist with long GnRH agonist protocol after OCP pretreatment in PCOs patients.	Tehraninejad ES, Nasiri R, Rashidi B, Haghollahi F, Ataie M.	Arch Gynecol Obstet. 2010 Sep;282(3):319-25. doi: 10.1007/s00404-010-1429-x. Epub 2010 Apr 9.	PMID:20379731
Effect of oral contraceptives on markers of hyperandrogenism and SHBG in women with polycystic ovary syndrome.	De Leo V, Di Sabatino A, Musacchio MC, Morgante G, Scolaro V, Cianci A,	Contraception. 2010 Sep;82(3):276-80. doi: 10.1016/j.contraception.2010.04.002.	PMID:20705157

	Petraglia F.	Epub 2010 Jul 16.	
Letrozole versus combined metformin and clomiphene citrate for ovulation induction in clomiphene-resistant women with polycystic ovary syndrome: a randomized controlled trial.	Abu Hashim H, Shokeir T, Badawy A.	Fertil Steril. 2010 Sep;94(4):1405-9. doi: 10.1016/j.fertnstert.2009.07.985. Epub 2009 Sep 3.	PMID:19732888
Polycystic ovary syndrome and cardiovascular risk in young patients treated with drospirenone-ethinylestradiol or contraceptive vaginal ring. A prospective, randomized, pilot study.	Battaglia C, Mancini F, Fabbri R, Persico N, Busacchi P, Facchinetti F, Venturoli S.	Fertil Steril. 2010 Sep;94(4):1417-25. doi: 10.1016/j.fertnstert.2009.05.044. Epub 2009 Jul 9.	PMID:19591981
Metformin versus acarbose therapy in patients with polycystic ovary syndrome (PCOS): a prospective randomised double-blind study.	Hanjalic-Beck A, Gabriel B, Schaefer W, Zahradnik HP, Schories M, Tempfer C, Keck C, Denschlag D.	Gynecol Endocrinol. 2010 Sep;26(9):690-7. doi: 10.3109/09513591003686379.	PMID:20626240
Effect of oral contraceptive containing ethinyl estradiol combined with drospirenone vs. desogestrel on clinical and biochemical parameters in patients with polycystic ovary syndrome.	Kriplani A, Periyasamy AJ, Agarwal N, Kulshrestha V, Kumar A, Ammini AC.	Contraception. 2010 Aug;82(2):139-46. doi: 10.1016/j.contraception.2010.02.009. Epub 2010 May 23.	PMID:20654754
Effect of a low glycemic index compared with a conventional healthy diet on polycystic ovary syndrome.	Marsh KA, Steinbeck KS, Atkinson FS, Petocz P, Brand-Miller JC.	Am J Clin Nutr. 2010 Jul;92(1):83-92. doi: 10.3945/ajcn.2010.29261. Epub 2010 May 19.	PMID:20484445
PCOSMIC: a multi-centre randomized trial in women with PolyCystic Ovary Syndrome evaluating Metformin for Infertility with Clomiphene.	Johnson NP, Stewart AW, Falkiner J, Farquhar CM, Milsom S, Singh VP, Okonkwo QL, Buckingham KL; REACT-NZ (REproduction And Collaborative Trials in New Zealand), a multi-centre fertility trials group..	Hum Reprod. 2010 Jul;25(7):1675-83. doi: 10.1093/humrep/deq100. Epub 2010 Apr 30.	PMID:20435692

Clinical outcomes of ovulation induction with metformin, clomiphene citrate and human menopausal gonadotrophin in polycystic ovary syndrome.	Cheng J, Lv J, Li CY, Xue Y, Huang Z, Zheng W.	J Int Med Res. 2010 Jul-Aug;38(4):1250-8.	PMID:20925997
Laparoscopic ovarian diathermy vs clomiphene citrate plus metformin as second-line strategy for infertile anovulatory patients with polycystic ovary syndrome: a randomized controlled trial.	Palomba S, Falbo A, Battista L, Russo T, Venturella R, Tolino A, Orio F, Zullo F.	Am J Obstet Gynecol. 2010 Jun;202(6):577.e1-8. doi: 10.1016/j.ajog.2009.11.042. Epub 2010 Jan 22.	PMID:20096821
Transvaginal ultrasound-guided ovarian interstitial laser treatment in anovulatory women with polycystic ovary syndrome: a randomized clinical trial on the effect of laser dose used on the outcome.	Zhu W, Fu Z, Chen X, Li X, Tang Z, Zhou Y, Geng Q.	Fertil Steril. 2010 Jun;94(1):268-75. doi: 10.1016/j.fertnstert.2009.03.010. Epub 2009 May 5.	PMID:19409546
Effects of pioglitazone on ovarian stromal blood flow, ovarian stimulation, and in vitro fertilization outcome in patients with polycystic ovary syndrome.	Kim CH, Jeon GH, Kim SR, Kim SH, Chae HD, Kang BM.	Fertil Steril. 2010 Jun;94(1):236-41. doi: 10.1016/j.fertnstert.2009.02.029. Epub 2009 Mar 26.	PMID:19324344
A prospective randomized trial comparing the clinical and endocrinological outcome with rosiglitazone versus laparoscopic ovarian drilling in patients with polycystic ovarian disease resistant to ovulation induction with clomiphene citrate.	Roy KK, Baruah J, Sharma A, Sharma JB, Kumar S, Kachava G, Karmakar D.	Arch Gynecol Obstet. 2010 May;281(5):939-44. doi: 10.1007/s00404-009-1305-8. Epub 2009 Dec 3.	PMID:19956961
Metformin effects on ovarian ultrasound appearance and steroidogenic function in normal-weight normoinsulinemic women with polycystic ovary syndrome: a randomized double-blind placebo-	Romualdi D, Giuliani M, Cristello F, Fulghesu AM, Selvaggi L, Lanzzone A, Guido M.	Fertil Steril. 2010 May 1;93(7):2303-10. doi: 10.1016/j.fertnstert.2009.01.114. Epub 2009 Mar 6.	PMID:19268929

controlled clinical trial.			
Insulin sensitiser agents alone and in co-treatment with r-FSH for ovulation induction in PCOS women.	Raffone E, Rizzo P, Benedetto V.	Gynecol Endocrinol. 2010 Apr;26(4):275-80. doi: 10.3109/09513590903366996.	PMID:20222840
Oral contraceptives alone and with spironolactone increase sCD40 ligand in PCOS patients.	Kebapcilar L, Bilgir O, Taner CE, Kebapcilar AG, Kozaci DL, Alacacioglu A, Yildiz Y, Yuksel A, Sari I.	Arch Gynecol Obstet. 2010 Mar;281(3):539-43. doi: 10.1007/s00404-009-1189-7. Epub 2009 Aug 5.	PMID:19655157
Comparison of the effects of atorvastatin and simvastatin in women with polycystic ovary syndrome: A prospective, randomized study.	Kaya C , Pabuccu R, Cengiz CD, Dunder I	Exp Clin Endocrinol Diabetes. 2010 Mar;118(3):161-6. doi: 10.1055/s-0029-1220770. Epub 2010 Feb 9.	PMID:20146169
Gonadotropin-releasing hormone antagonist use in controlled ovarian stimulation and intrauterine insemination cycles in women with polycystic ovary syndrome.	Ertunc D, Tok EC, Savas A, Ozturk I, Dilek S.	Fertil Steril. 2010 Mar 1;93(4):1179-84. doi: 10.1016/j.fertnstert.2008.11.030. Epub 2009 Feb 6.	PMID:19200979
Clinical, metabolic, and endocrine parameters in response to metformin and lifestyle intervention in women with polycystic ovary syndrome: a randomized, double-blind, and placebo control trial.	Fux Otta C, Wior M, Iraci GS, Kaplan R, Torres D, Gaido MI, Wyse EP.	Gynecol Endocrinol. 2010 Mar;26(3):173-8. doi: 10.3109/09513590903215581.	PMID:20148739
Flexible GnRH antagonist protocol versus GnRH agonist long protocol in patients with polycystic ovary syndrome treated for IVF: a prospective randomised controlled trial (RCT).	Lainas TG, Sfontouris IA, Zorzovilis IZ, Petsas GK, Lainas GT, Alexopoulou E, Kolibianakis EM.	Hum Reprod. 2010 Mar;25(3):683-9. doi: 10.1093/humrep/dep436. Epub 2009 Dec 15.	PMID:20008886
Clomiphene citrate plus tamoxifen versus laparoscopic ovarian drilling in women with clomiphene-resistant polycystic ovary syndrome.	Zakherah MS, Nasr A, El Saman AM, Shaaban OM, Shahin AY.	Int J Gynaecol Obstet. 2010 Mar;108(3):240-3. doi: 10.1016/j.ijgo.2009.10.004. Epub 2009 Nov 26.	PMID:19944418
Effect of N-acetyl-cysteine after ovarian drilling in clomiphene citrate-resistant	Nasr A.	Reprod Biomed Online. 2010 Mar;20(3):403-9. doi:	PMID:20089454

PCOS women: a pilot study.		10.1016/j.rbmo.2009.12.012. Epub 2009 Dec 14.	
Metformin versus laparoscopic ovarian drilling in clomiphene- and insulin-resistant women with polycystic ovary syndrome.	Hamed HO, Hasan AF, Ahmed OG, Ahmed MA.	Int J Gynaecol Obstet. 2010 Feb;108(2):143-7. doi: 10.1016/j.ijgo.2009.08.033. Epub 2009 Nov 4.	PMID:19892338
Metformin reduces arterial stiffness and improves endothelial function in young women with polycystic ovary syndrome: a randomized, placebo-controlled, crossover trial.	Agarwal N, Rice SP, Bolusani H, Luzio SD, Dunseath G, Ludgate M, Rees DA.	J Clin Endocrinol Metab. 2010 Feb;95(2):722-30. doi: 10.1210/jc.2009-1985. Epub 2009 Dec 8.	PMID:19996308
Spearmint herbal tea has significant anti-androgen effects in polycystic ovarian syndrome. A randomized controlled trial.	Grant P.	Phytother Res. 2010 Feb;24(2):186-8. doi: 10.1002/ptr.2900.	PMID:19585478
Endothelial function and insulin resistance in polycystic ovary syndrome: the effects of medical therapy.	Teede HJ, Meyer C, Hutchison SK, Zoungas S, McGrath BP, Moran LJ.	Fertil Steril. 2010 Jan;93(1):184-91. doi: 10.1016/j.fertnstert.2008.09.034. Epub 2008 Nov 18.	PMID:19019358
Comparison of metformin treatment and laparoscopic ovarian diathermy in patients with polycystic ovary syndrome.	Ashrafinia M, Hosseini R, Moini A, Eslami B, Asgari Z.	Int J Gynaecol Obstet. 2009 Dec;107(3):236-9. doi: 10.1016/j.ijgo.2009.06.022. Epub 2009 Sep 3.	PMID:19729161
Comparison of simvastatin and metformin in treatment of polycystic ovary syndrome: prospective randomized trial.	Banaszewska B, Pawelczyk L, Spaczynski RZ, Duleba AJ.	J Clin Endocrinol Metab. 2009 Dec;94(12):4938-45. doi: 10.1210/jc.2009-1674. Epub 2009 Nov 4.	PMID:19890022 PMCID:PMC2795658
Plasma monocyte chemoattractant protein-1 (MCP-1) and macrophage inflammatory protein-1alpha are increased in patients with polycystic ovary syndrome (PCOS) and associated with adiposity, but unaffected by pioglitazone treatment.	Glintborg D, Andersen M, Richelsen B, Bruun JM.	Clin Endocrinol (Oxf). 2009 Nov;71(5):652-8. doi: 10.1111/j.1365-2265.2009.03523.x. Epub 2009 Jan 19.	PMID:19170716
Evaluation of unilateral versus bilateral	Roy KK, Baruah J, Moda	Arch Gynecol Obstet. 2009	PMID:19214545

ovarian drilling in clomiphene citrate resistant cases of polycystic ovarian syndrome.	N, Kumar S.	Oct;280(4):573-8. doi: 10.1007/s00404-009-0961-z. Epub 2009 Feb 13.	
Short-term metformin treatment for clomiphene citrate-resistant women with polycystic ovary syndrome.	Kazerooni T, Ghaffarpasand F, Kazerooni Y, Kazerooni M, Setoodeh S.	Int J Gynaecol Obstet. 2009 Oct;107(1):50-3. doi: 10.1016/j.ijgo.2009.04.022. Epub 2009 Jun 23.	PMID:19552904
Metformin in the treatment of clomiphene citrate-resistant women with polycystic ovary syndrome undergoing in vitro fertilisation treatment: a randomised controlled trial.	Qublan HS, Al-Khaderei S, Abu-Salem AN, Al-Zpoon A, Al-Khateeb M, Al-Ibrahim N, Megdadi M, Al-Ahmad N.	J Obstet Gynaecol. 2009 Oct;29(7):651-5. doi: 10.1080/01443610903147576.	PMID:19757275
Metformin does not improve the reproductive or metabolic profile in women with polycystic ovary syndrome (PCOS).	Aubuchon M, Lieman H, Stein D, Cohen HW, Isaac B, Adel G, Weitzman V, Tetrokalashvili M, Polotsky AJ, Santoro N.	Reprod Sci. 2009 Oct;16(10):938-46. doi: 10.1177/1933719109340925. Epub 2009 Aug 19.	PMID:19692630
Local recruitment experience in a study comparing the effectiveness of a low glycaemic index diet with a low calorie healthy eating approach at achieving weight loss and reducing the risk of endometrial cancer in women with polycystic ovary syndrome (PCOS).	Atiomo W, Read A, Golding M, Silcocks P, Razali N, Sarkar S, Hardiman P, Thornton J.	Contemp Clin Trials. 2009 Sep;30(5):451-6. doi: 10.1016/j.cct.2009.05.001. Epub 2009 May 27.	PMID:19477300
Comparison of efficacy of aromatase inhibitor and clomiphene citrate in induction of ovulation in polycystic ovarian syndrome.	Begum MR, Ferdous J, Begum A, Quadir E.	Fertil Steril. 2009 Sep;92(3):853-7. doi: 10.1016/j.fertnstert.2007.08.044. Epub 2008 Jan 4.	PMID:18177867
Clomiphene citrate or letrozole for ovulation induction in women with polycystic ovarian syndrome: a prospective randomized trial.	Badawy A, Abdel Aal I, Abulatta M.	Fertil Steril. 2009 Sep;92(3):849-52. Epub 2007 Jun 19.	PMID:17582406
Acute effects of testosterone infusion on	Ropelato MG, Rudaz MC,	J Clin Endocrinol Metab. 2009	PMID:19567528

the serum luteinizing hormone profile in eumenorrheic and polycystic ovary syndrome adolescents.	Escobar ME, Bengolea SV, Calcagno ML, Veldhuis JD, Barontini M.	Sep;94(9):3602-10. doi: 10.1210/jc.2009-0402. Epub 2009 Jun 30.	
Low-frequency electroacupuncture and physical exercise decrease high muscle sympathetic nerve activity in polycystic ovary syndrome.	Stener-Victorin E, Jedel E, Janson PO, Sverrisdottir YB.	Am J Physiol Regul Integr Comp Physiol. 2009 Aug;297(2):R387-95. doi: 10.1152/ajpregu.00197.2009. Epub 2009 Jun 3.	PMID:19494176
Comparative effects of atorvastatin and simvastatin on the plasma total homocysteine levels in women with polycystic ovary syndrome: a prospective randomized study.	Kaya C, Cengiz SD, Berker B, Demirtaş S, Cesur M., Erdoğan G	Fertil Steril. 2009 Aug;92(2):635-42. doi: 10.1016/j.fertnstert.2008.06.006. Epub 2008 Aug 9.	PMID:18692805
Extended letrozole therapy for ovulation induction in clomiphene-resistant women with polycystic ovary syndrome: a novel protocol.	Badawy A, Mosbah A, Tharwat A, Eid M.	Fertil Steril. 2009 Jul;92(1):236-9. doi: 10.1016/j.fertnstert.2008.04.065. Epub 2008 Aug 15.	PMID:18706549
Effects of protein versus simple sugar intake on weight loss in polycystic ovary syndrome (according to the National Institutes of Health criteria).	Kasim-Karakas SE, Almario RU, Cunningham W.	Fertil Steril. 2009 Jul;92(1):262-70. doi: 10.1016/j.fertnstert.2008.05.065. Epub 2008 Aug 8.	PMID:18691705
Metformin administration was associated with a modification of LH, prolactin and insulin secretion dynamics in women with polycystic ovarian syndrome.	Billa E, Kapolla N, Nicopoulou SC, Koukkou E, Venaki E, Milingos S, Antsaklis A, Adamopoulos DA.	Gynecol Endocrinol. 2009 Jul;25(7):427-34. doi: 10.1080/09513590902770172.	PMID:19533481
Anti-Müllerian hormone concentrations in androgen-suppressed women with polycystic ovary syndrome.	Carlsen SM, Vanky E, Fleming R.	Hum Reprod. 2009 Jul;24(7):1732-8. doi: 10.1093/humrep/dep074. Epub 2009 Apr 2.	PMID:19342396
Comparison of hormonal and metabolic markers after a high-fat, Western meal versus a low-fat, high-fiber meal in women with polycystic ovary syndrome.	Katcher HI, Kunselman AR, Dmitrovic R, Demers LM, Gnatuk CL, Kris-Etherton PM, Legro RS.	Fertil Steril. 2009 Apr;91(4):1175-82. doi: 10.1016/j.fertnstert.2008.01.035. Epub 2008 Mar 10.	PMID:18331737 PMCID:PMC2677685
Metabolic and endocrine effects of metformin and metformin plus cyclic	Haydardedeoglu B, Simsek E, Kilicdag EB,	Int J Gynaecol Obstet. 2009 Apr;105(1):32-5. doi:	PMID:19155004

medroxyprogesterone acetate in women with polycystic ovary syndrome.	Bagis T.	10.1016/j.ijgo.2008.11.039. Epub 2009 Jan 19.	
Evaluating the equivalence of clomiphene citrate with and without metformin in ovulation induction in PCOS patients.	Siebert TI, Kruger TF, Lombard C.	J Assist Reprod Genet. 2009 Apr;26(4):165-71. doi: 10.1007/s10815-009-9304-z. Epub 2009 Apr 25.	PMID:19396538 PMCID:PMC2682185
Endometrial effects of letrozole and clomiphene citrate in women with polycystic ovary syndrome using spiral artery Doppler.	Baruah J, Roy KK, Rahman SM, Kumar S, Sharma JB, Karmakar D.	Arch Gynecol Obstet. 2009 Mar;279(3):311-4. doi: 10.1007/s00404-008-0714-4. Epub 2008 Jul 3.	PMID:18597100
Metabolic and hormonal effects of myo-inositol in women with polycystic ovary syndrome: a double-blind trial.	Costantino D, Minozzi G, Minozzi E, Guaraldi C.	Eur Rev Med Pharmacol Sci. 2009 Mar-Apr;13(2):105-10.	PMID:19499845
Luteal phase clomiphene citrate for ovulation induction in women with polycystic ovary syndrome: a novel protocol.	Badawy A, Inany H, Mosbah A, Abulatta M.	Fertil Steril. 2009 Mar;91(3):838-41. doi: 10.1016/j.fertnstert.2008.01.016. Epub 2008 Mar 7.	PMID:18314112
Effects of exercise on lipoprotein particles in women with polycystic ovary syndrome.	Brown AJ, Setji TL, Sanders LL, Lowry KP, Otvos JD, Kraus WE, Svetkey PL.	Med Sci Sports Exerc. 2009 Mar;41(3):497-504. doi: 10.1249/MSS.0b013e31818c6c0c.	PMID:19204602 PMCID:PMC2727938
Effect of metformin, orlistat and pioglitazone treatment on mean insulin resistance and its biological variability in polycystic ovary syndrome.	Cho LW, Kilpatrick ES, Keevil BG, Coady AM, Atkin SL.	Clin Endocrinol (Oxf). 2009 Feb;70(2):233-7. doi: 10.1111/j.1365-2265.2008.03309.x. Epub 2008 Jun 10.	PMID:18547343
Comparison of clomiphene citrate, metformin, or the combination of both for first-line ovulation induction, achievement of pregnancy, and live birth in Asian women with polycystic ovary syndrome: a randomized controlled trial.	Zain MM, Jamaluddin R, Ibrahim A, Norman RJ.	Fertil Steril. 2009 Feb;91(2):514-21. doi: 10.1016/j.fertnstert.2007.12.002. Epub 2008 Mar 5.	PMID:18321486
Possible metformin effect on adrenal androgens during pretreatment and IVF	Kjøtrød SB, Sunde A, von Düring V, Carlsen SM	Fertil Steril. 2009 Feb;91(2):500-8. doi: 10.1016/j.fertnstert.2007.11.069.	PMID:18304542

cycle in women with polycystic ovary syndrome.		Epub 2008 Mar 4.	
Metabolic and hormonal changes induced by pioglitazone in polycystic ovary syndrome: a randomized, placebo-controlled clinical trial.	Aroda VR, Ciaraldi TP, Burke P, Mudaliar S, Clopton P, Phillips S, Chang RJ, Henry RR.	J Clin Endocrinol Metab. 2009 Feb;94(2):469-76. doi: 10.1210/jc.2008-1133. Epub 2008 Nov 4.	PMID:18984667 PMCID:PMC2646515
Increased insulin sensitivity by metformin enhances intense-pulsed-light-assisted hair removal in patients with polycystic ovary syndrome.	Rezvanian H, Adibi N, Siavash M, Kachuei A, Shojaee-Moradie F, Asilian A.	Dermatology. 2009;218(3):231-6. doi: 10.1159/000187718. Epub 2008 Dec 18.	PMID:19092235
Randomized controlled trial comparing laparoscopic ovarian diathermy with clomiphene citrate as a first-line method of ovulation induction in women with polycystic ovary syndrome.	Amer SA, Li TC, Metwally M, Emarh M, Ledger WL.	Hum Reprod. 2009 Jan;24(1):219-25. doi: 10.1093/humrep/den325. Epub 2008 Sep 14.	PMID:18794162
The effect of ethinylestradiol (EE)/cyproterone acetate (CA) and EE/CA plus metformin treatment on adhesion molecules in cases with polycystic ovary syndrome (PCOS).	Bilgir O, Kebapcilar L, Taner C, Bilgir F, Kebapcilar A, Bozkaya G, Yildiz Y, Yuksel A, Sari I.	Intern Med. 2009;48(14):1193-9. Epub 2009 Jul 15.	PMID:19602786
The effect of atorvastatin in patients with polycystic ovary syndrome: a randomized double-blind placebo-controlled study.	Sathyapalan T, Kilpatrick ES, Coady AM, Atkin SL.	J Clin Endocrinol Metab. 2009 Jan;94(1):103-8. doi: 10.1210/jc.2008-1750. Epub 2008 Oct 21.	PMID:18940877
Hyperreninemia characterizing women with polycystic ovary syndrome improves after metformin therapy.	Diamanti-Kandarakis E, Economou FN, Livadas S, Tantalaki E, Piperi C, Papavassiliou AG, Panidis D.	Kidney Blood Press Res. 2009;32(1):24-31. doi: 10.1159/000201791. Epub 2009 Feb 12.	PMID:19212122
Metformin effects on clomifene-induced ovulation in the polycystic ovary syndrome.	Ben Ayed B, Dammak dit Mlik S, Ben Arab H, Trabelssi H, Chahtour H, Mathlouthi N, Dhuib M, Kassis M, Saaidane D,	Tunis Med. 2009 Jan;87(1):43-9.	PMID:19522426

	Trabelssi K, Guermazi M.		
A comparison between rimonabant and metformin in reducing biochemical hyperandrogenaemia and insulin resistance in patients with polycystic ovary syndrome (PCOS): a randomized open-label parallel study.	Sathyapalan T, Cho LW, Kilpatrick ES, Coady AM, Atkin SL.	Clin Endocrinol (Oxf). 2008 Dec;69(6):931-5. doi: 10.1111/j.1365-2265.2008.03260.x. Epub 2008 Apr 10.	PMID:18410553
The impact of metformin, oral contraceptives, and lifestyle modification on polycystic ovary syndrome in obese adolescent women in two randomized, placebo-controlled clinical trials.	Hoeger K, Davidson K, Kochman L, Cherry T, Kopin L, Guzick DS.	J Clin Endocrinol Metab. 2008 Nov;93(11):4299-306. doi: 10.1210/jc.2008-0461. Epub 2008 Aug 26.	PMID:18728175 PMCID:PMC2582568
Metformin and oral contraceptive treatments reduced circulating asymmetric dimethylarginine (ADMA) levels in patients with polycystic ovary syndrome (PCOS).	Ozgurtas T, Oktenli C, Dede M, Tapan S, Kenar L, Sanisoglu SY, Yesilova Z, Yenen MC, Erbil MK, Baser I.	Atherosclerosis. 2008 Oct;200(2):336-44. doi: 10.1016/j.atherosclerosis.2007.12.054. Epub 2008 Feb 20.	PMID:18281049
Clinical, endocrine, and metabolic effects of acarbose, a alpha-glucosidase inhibitor, in overweight and nonoverweight patients with polycystic ovarian syndrome.	Tuğrul S, Kutlu T, Pekin O, Bağlam E, Kiyak H, Oral O	Fertil Steril. 2008 Oct;90(4):1144-8. doi: 10.1016/j.fertnstert.2007.07.1326. Epub 2008 Apr 18.	PMID:18377903
Effect of metformin pretreatment on pregnancy outcome of in vitro matured oocytes retrieved from women with polycystic ovary syndrome.	Wei Z, Cao Y, Cong L, Zhou P, Zhang Z, Li J.	Fertil Steril. 2008 Oct;90(4):1149-54. Epub 2007 Nov 26. Retraction in: Fertil Steril. 2015 Oct;104(4):1048.	PMID:18022165
Clinical and metabolic effects of medroxyprogesterone acetate and ethinyl estradiol plus drospirenone in women with polycystic ovary syndrome.	Ozdemir S, Görkemli H, Gezginç K, Ozdemir M, Kiyici A	Int J Gynaecol Obstet. 2008 Oct;103(1):44-9. doi: 10.1016/j.ijgo.2008.05.017. Epub 2008 Jul 16.	PMID:18635183
Does metformin augment the ovulation inducing effects of clomiphene in non-obese women with polycystic ovary	Chaudhury K, Chaudhury S, Chowdhury S.	J Indian Med Assoc. 2008 Oct;106(10):643-4, 646-8.	PMID:19552097

syndrome?

Insulin-stimulated release of D-chiro-inositol-containing inositolphosphoglycan mediator correlates with insulin sensitivity in women with polycystic ovary syndrome.	Cheang KI, Baillargeon JP, Essah PA, Ostlund RE Jr, Apridonize T, Islam L, Nestler JE.	Metabolism. 2008 Oct;57(10):1390-7. doi: 10.1016/j.metabol.2008.05.008.	PMID:18803944 PMCID:PMC2574418
A comparison study of a novel stimulation protocol and the conventional low dose step-up and step-down regimens in patients with polycystic ovary syndrome undergoing in vitro fertilization.	Koundouros SN.	Fertil Steril. 2008 Sep;90(3):569-75. Epub 2007 Sep 19.	PMID:17880950
The effect of a hypocaloric diet with and without exercise training on body composition, cardiometabolic risk profile, and reproductive function in overweight and obese women with polycystic ovary syndrome.	Thomson RL, Buckley JD, Noakes M, Clifton PM, Norman RJ, Brinkworth GD.	J Clin Endocrinol Metab. 2008 Sep;93(9):3373-80. doi: 10.1210/jc.2008-0751. Epub 2008 Jun 26.	PMID:18583464
Comparison of embryological and clinical outcome in GnRH antagonist vs. GnRH agonist protocols for in vitro fertilization in PCOS non-obese patients. A prospective randomized study.	Kurzawa R, Ciepiela P, Baczkowski T, Safranow K, Brelik P.	J Assist Reprod Genet. 2008 Aug;25(8):365-74. doi: 10.1007/s10815-008-9249-7. Epub 2008 Sep 19.	PMID:18802744 PMCID:PMC2582126
Retinol-binding protein 4 and insulin resistance in polycystic ovary syndrome.	Hutchison SK, Harrison C, Stepto N, Meyer C, Teede HJ.	Diabetes Care. 2008 Jul;31(7):1427-32. doi: 10.2337/dc07-2265. Epub 2008 Apr 4.	PMID:18390799 PMCID:PMC2453680
Effects of metformin and ethinyl estradiol-cyproterone acetate on clinical, endocrine and metabolic factors in women with polycystic ovary syndrome.	Wu J, Zhu Y, Jiang Y, Cao Y.	Gynecol Endocrinol. 2008 Jul;24(7):392-8. doi: 10.1080/09513590802217027.	PMID:18608522
Comparison of single and combined treatment with exenatide and metformin on menstrual cyclicity in	Elkind-Hirsch K, Marrioneaux O, Bhushan M, Vernor D, Bhushan R.	J Clin Endocrinol Metab. 2008 Jul;93(7):2670-8. doi: 10.1210/jc.2008-0115. Epub 2008 May 6.	PMID:18460557

overweight women with polycystic ovary syndrome.			
Impact of metformin and rosiglitazone treatment on glucose transporter 4 mRNA expression in women with polycystic ovary syndrome.	Jensterle M, Janez A, Mlinar B, Marc J, Prezelj J, Pfeifer M.	Eur J Endocrinol. 2008 Jun;158(6):793-801. doi: 10.1530/EJE-07-0857. Epub 2008 Mar 5.	PMID:18322300
Extending clomiphene treatment in clomiphene-resistant women with PCOS: a randomized controlled trial.	Badawy A, Allam A, Abulatta M.	Reprod Biomed Online. 2008 Jun;16(6):825-9.	PMID:18549692
Effect of metformin on IGF-1 and IGFBP-1 levels in obese patients with polycystic ovary syndrome.	Seibel SA, Chou KH, Capp E, Spritzer PM, von Eye Corleta H.	Eur J Obstet Gynecol Reprod Biol. 2008 May;138(1):122-4. Epub 2007 Mar 12. No abstract available.	PMID:17350746
Anastrozole or letrozole for ovulation induction in clomiphene-resistant women with polycystic ovarian syndrome: a prospective randomized trial.	Badawy A, Mosbah A, Shady M.	Fertil Steril. 2008 May;89(5):1209-12. Epub 2007 Aug 8.	PMID:17686479
Evaluation of ovarian adhesion formation after laparoscopic ovarian drilling by second-look minilaparoscopy.	Mercorio F, Mercorio A, Di Spiezio Sardo A, Barba GV, Pellicano M, Nappi C.	Fertil Steril. 2008 May;89(5):1229-33. Epub 2007 Aug 6.	PMID:17681339
Effect of sibutramine on weight reduction in women with polycystic ovary syndrome: a randomized, double-blind, placebo-controlled trial.	Lindholm Å, Bixo M, Björn I, Wölner-Hanssen P, Eliasson M, Larsson A, Johnson O, Poromaa IS	Fertil Steril. 2008 May;89(5):1221-8. Epub 2007 Jul 2.	PMID:17603048
Effect of hypocaloric diet plus sibutramine treatment on hormonal and metabolic features in overweight and obese women with polycystic ovary syndrome: a randomized, 24-week study.	Florakis D, Diamanti-Kandarakis E, Katsikis I, Nassis GP, Karkanaki A, Georgopoulos N, Panidis D.	Int J Obes (Lond). 2008 Apr;32(4):692-9. Epub 2007 Dec 11.	PMID:18071341
C-reactive protein levels are unaffected by metformin during pretreatment and an IVF cycle in women with polycystic	Kjøtrød SB, Romundstad P, von Düring V, Sunde A, Carlsen SM	Fertil Steril. 2008 Mar;89(3):635-41. Epub 2007 Jun 4.	PMID:17548076

ovary syndrome.			
Myo-inositol administration positively affects hyperinsulinemia and hormonal parameters in overweight patients with polycystic ovary syndrome.	Genazzani AD, Lanzoni C, Ricchieri F, Jasonni VM.	Gynecol Endocrinol. 2008 Mar;24(3):139-44. doi: 10.1080/09513590801893232.	PMID:18335328
The administration of estrogens, combined with anti-androgens, has beneficial effects on the hormonal features and asymmetric dimethyl-arginine levels, in women with the polycystic ovary syndrome.	Charitidou C, Farmakiotis D, Zournatzi V, Pidonia I, Pegiou T, Karamanis N, Hatzistilianou M, Katsikis I, Panidis D.	Atherosclerosis. 2008 Feb;196(2):958-65. Epub 2007 Apr 6.	PMID:17418849
Exposure to human chorionic gonadotropin during in vitro maturation does not improve the maturation rate and developmental potential of immature oocytes from patients with polycystic ovary syndrome.	Ge HS, Huang XF, Zhang W, Zhao JZ, Lin JJ, Zhou W.	Fertil Steril. 2008 Jan;89(1):98-103. Epub 2007 May 24.	PMID:17524398
The use of gonadotropin-releasing hormone (GnRH) agonist to induce oocyte maturation after cotreatment with GnRH antagonist in high-risk patients undergoing in vitro fertilization prevents the risk of ovarian hyperstimulation syndrome: a prospective randomized controlled study.	Engmann L, DiLuigi A, Schmidt D, Nulsen J, Maier D, Benadiva C.	Fertil Steril. 2008 Jan;89(1):84-91. Epub 2007 Apr 26.	PMID:17462639
Metformin has no major effects on glucose homeostasis in pregnant women with PCOS: results of a randomized double-blind study.	Fougner KJ, Vanky E, Carlsen SM.	Scand J Clin Lab Invest. 2008;68(8):771-6. doi: 10.1080/00365510802254620.	PMID:18651320
Unilateral laparoscopic ovarian diathermy in infertile women with clomiphene citrate-resistant polycystic ovary syndrome.	Al-Mizyen E, Grudzinskas JG.	Fertil Steril. 2007 Dec;88(6):1678-80. Epub 2007 Apr 23.	PMID:17451693

Psychological benefits of a high-protein, low-carbohydrate diet in obese women with polycystic ovary syndrome--a pilot study.	Galletly C, Moran L, Noakes M, Clifton P, Tomlinson L, Norman R.	Appetite. 2007 Nov;49(3):590-3. Epub 2007 Apr 4.	PMID:17509728
Human umbilical cord blood serum in culture medium on oocyte maturation In vitro.	Zhang ZG, Zhao JH, Wei ZL, Cong L, Zhou P, Cao YX.	Arch Androl. 2007 Nov-Dec;53(6):303-7.	PMID:18357959
Triggering final oocyte maturation using different doses of human chorionic gonadotropin: a randomized pilot study in patients with polycystic ovary syndrome treated with gonadotropin-releasing hormone antagonists and recombinant follicle-stimulating hormone.	Kolibianakis EM, Papanikolaou EG, Tournaye H, Camus M, Van Steirteghem AC, Devroey P.	Fertil Steril. 2007 Nov;88(5):1382-8. Epub 2007 Apr 18.	PMID:17445806
Efficacy of metformin in obese and non-obese women with polycystic ovary syndrome: a randomized, double-blinded, placebo-controlled cross-over trial.	Trolle B, Flyvbjerg A, Kesmodel U, Lauszus FF.	Hum Reprod. 2007 Nov;22(11):2967-73. Epub 2007 Aug 31.	PMID:17766923
Dietary intervention versus metformin to improve the reproductive outcome in women with polycystic ovary syndrome. A prospective comparative study.	Qublan HS, Yannakoula EK, Al-Qudah MA, El-Uri FI.	Saudi Med J. 2007 Nov;28(11):1694-9.	PMID:17965792
Unilateral ovarian drilling in polycystic ovarian syndrome: a prospective randomized study.	Youssef H, Atallah MM.	Reprod Biomed Online. 2007 Oct;15(4):457-62.	PMID:17908411
N-acetyl cysteine vs. metformin in treatment of clomiphene citrate-resistant polycystic ovary syndrome: a prospective randomized controlled study.	Elnashar A, Fahmy M, Mansour A, Ibrahim K.	Fertil Steril. 2007 Aug;88(2):406-9. Epub 2007 Mar 1.	PMID:17335818
Insulin sensitivity after metformin suspension in normal-weight women	Palomba S, Falbo A, Russo T, Manguso F,	J Clin Endocrinol Metab. 2007 Aug;92(8):3128-35. Epub 2007 May	PMID:17519312

with polycystic ovary syndrome.	Tolino A, Zullo F, De Feo P, Orio F Jr.	22.	
Prospective, randomized trial of metformin and vitamins for the reduction of plasma homocysteine in insulin-resistant polycystic ovary syndrome.	Schachter M, Raziel A, Strassburger D, Rotem C, Ron-El R, Friedler S.	Fertil Steril. 2007 Jul;88(1):227-30. Epub 2007 Mar 6.	PMID:17336970
The effect of cinnamon extract on insulin resistance parameters in polycystic ovary syndrome: a pilot study.	Wang JG, Anderson RA, Graham GM 3rd, Chu MC, Sauer MV, Guarnaccia MM, Lobo RA.	Fertil Steril. 2007 Jul;88(1):240-3. Epub 2007 Feb 12.	PMID:17296187
Comparison of ethinyl-estradiol plus cyproterone acetate versus metformin effects on classic metabolic cardiovascular risk factors in women with the polycystic ovary syndrome.	Luque-Ramírez M, Alvarez-Blasco F, Botella-Carretero JI, Martínez-Bermejo E, Lasunción MA, Escobar-Morreale HF	J Clin Endocrinol Metab. 2007 Jul;92(7):2453-61. Epub 2007 Apr 10.	PMID:17426085
Initiation of GnRH antagonist on Day 1 of stimulation as compared to the long agonist protocol in PCOS patients. A randomized controlled trial: effect on hormonal levels and follicular development.	Lainas TG, Petsas GK, Zorzovilis IZ, Iliadis GS, Lainas GT, Cazlaris HE, Kolibianakis EM.	Hum Reprod. 2007 Jun;22(6):1540-6. Epub 2007 Mar 8.	PMID:17347165
Effects of the pharmacologic manipulation of testosterone on cognitive functioning in women with polycystic ovary syndrome: a randomized, placebo-controlled treatment study.	Schattmann L, Sherwin BB.	Horm Behav. 2007 May;51(5):579-86. Epub 2007 Feb 12.	PMID:17346715
The effects of metformin and rosiglitazone, alone and in combination, on the ovary and endometrium in polycystic ovary syndrome.	Legro RS, Zaino RJ, Demers LM, Kunselman AR, Gnatuk CL, Williams NI, Dodson WC.	Am J Obstet Gynecol. 2007 Apr;196(4):402.e1-10; discussion 402.e10-1.	PMID:17403436
Beneficial effects of a three-month structured exercise training program on	Vigorito C, Giallauria F, Palomba S, Cascella T,	J Clin Endocrinol Metab. 2007 Apr;92(4):1379-84. Epub 2007 Jan 30.	PMID:17264174

cardiopulmonary functional capacity in young women with polycystic ovary syndrome.	Manguso F, Lucci R, De Lorenzo A, Tafuri D, Lombardi G, Colao A, Orio F.		
Metformin treatment in pregnant women with polycystic ovary syndrome-- is reduced complication rate mediated by changes in the uteroplacental circulation?	Salvesen KA, Vanky E, Carlsen SM.	Ultrasound Obstet Gynecol. 2007 Apr;29(4):433-7.	PMID:17330831
Effects of medical therapy on insulin resistance and the cardiovascular system in polycystic ovary syndrome.	Meyer C, McGrath BP, Teede HJ.	Diabetes Care. 2007 Mar;30(3):471-8.	PMID:17327307
Impact of treatment with rosiglitazone or metformin on biomarkers for insulin resistance and metabolic syndrome in patients with polycystic ovary syndrome.	Steiner CA, Janez A, Jensterle M, Reisinger K, Forst T, Pfützner A	J Diabetes Sci Technol. 2007 Mar;1(2):211-7.	PMID:19888409 PMCID:PMC2771474
Clomiphene, metformin, or both for infertility in the polycystic ovary syndrome.	Legro RS, Barnhart HX, Schlaff WD, Carr BR, Diamond MP, Carson SA, Steinkampf MP, Coutifaris C, McGovern PG, Cataldo NA, Gosman GG, Nestler JE, Giudice LC, Leppert PC, Myers ER; Cooperative Multicenter Reproductive Medicine Network..	N Engl J Med. 2007 Feb 8;356(6):551-66.	PMID:17287476
Effects of simvastatin and oral contraceptive agent on polycystic ovary syndrome: prospective, randomized, crossover trial.	Banaszewska B, Pawelczyk L, Spaczynski RZ, Dziura J, Duleba AJ.	J Clin Endocrinol Metab. 2007 Feb;92(2):456-61. Epub 2006 Nov 14.	PMID:17105841
Use of an aromatase inhibitor in patients with polycystic ovary	Bayar U, Basaran M, Kiran S, Coskun A, Gezer	Fertil Steril. 2006 Nov;86(5):1447-51.	PMID:17070196

syndrome: a prospective randomized trial.	S.		
Treatment with flutamide, metformin, and their combination added to a hypocaloric diet in overweight-obese women with polycystic ovary syndrome: a randomized, 12-month, placebo-controlled study.	Gambineri A, Patton L, Vaccina A, Cacciari M, Morselli-Labate AM, Cavazza C, Pagotto U, Pasquali R.	J Clin Endocrinol Metab. 2006 Oct;91(10):3970-80. Epub 2006 Jul 25.	PMID:16868063
The effect of metformin on fat distribution and the metabolic syndrome in women with polycystic ovary syndrome--a randomised, double-blind, placebo-controlled trial.	Lord J, Thomas R, Fox B, Acharya U, Wilkin T.	BJOG. 2006 Jul;113(7):817-24.	PMID:16827766
Clomiphene citrate and dexamethazone in treatment of clomiphene citrate-resistant polycystic ovary syndrome: a prospective placebo-controlled study.	Elnashar A, Abdelmageed E, Fayed M, Sharaf M.	Hum Reprod. 2006 Jul;21(7):1805-8. Epub 2006 Mar 16.	PMID:16543255
Effect of clomifene citrate plus metformin and clomifene citrate plus placebo on induction of ovulation in women with newly diagnosed polycystic ovary syndrome: randomised double blind clinical trial.	Moll E, Bossuyt PM, Korevaar JC, Lambalk CB, van der Veen F.	BMJ. 2006 Jun 24;332(7556):1485. Epub 2006 Jun 12.	PMID:16769748 PMCID:PMC1482338
Thorough sonographic oocyte retrieval during in vitro fertilization produces results similar to ovarian wedge resection in patients with clomiphene citrate-resistant polycystic ovarian syndrome.	Branigan EF, Estes A, Walker K, Rothgeb J.	Am J Obstet Gynecol. 2006 Jun;194(6):1696-700; discussion 1700-1.	PMID:16731088
Endocrine and metabolic effects of rosiglitazone in overweight women with PCOS: a randomized placebo-controlled study.	Rautio K, Tapanainen JS, Ruokonen A, Morin-Papunen LC.	Hum Reprod. 2006 Jun;21(6):1400-7. Epub 2006 Feb 24.	PMID:16501039

The use of metformin for women with PCOS undergoing IVF treatment.	Tang T, Glanville J, Orsi N, Barth JH, Balen AH.	Hum Reprod. 2006 Jun;21(6):1416-25. Epub 2006 Feb 24.	PMID:16501038
Efficacy of combined metformin-letrozole in comparison with metformin-clomiphene citrate in clomiphene-resistant infertile women with polycystic ovarian disease.	Sohrabvand F, Ansari Sh, Bagheri M.	Hum Reprod. 2006 Jun;21(6):1432-5. Epub 2006 Feb 14.	PMID:16478764
Two weeks of metformin improves clomiphene citrate-induced ovulation and metabolic profiles in women with polycystic ovary syndrome.	Khorram O, Helliwell JP, Katz S, Bonpane CM, Jaramillo L.	Fertil Steril. 2006 May;85(5):1448-51. Epub 2006 Mar 31.	PMID:16579997
Gonadotropin-releasing hormone antagonist and metformin for treatment of polycystic ovary syndrome patients undergoing in vitro fertilization-embryo transfer.	Doldi N, Persico P, Di Sebastiano F, Marsiglio E, Ferrari A.	Gynecol Endocrinol. 2006 May;22(5):235-8.	PMID:16785142
Endometrial preparation for in vitro oocyte maturation: early use of estrogen increases endometrial tissue and requires lower daily dosage: a cross over trial in 'mock' cycles.	Martins Wde P, dos Reis RM, Ferriani RA, de Araújo CH, Nastri CO, Filho FM	J Assist Reprod Genet. 2006 May;23(5):241-6. Epub 2006 May 19.	PMID:16710750 PMCID:PMC3454909
Effects of two different oral contraceptives on homocysteine metabolism in women with polycystic ovary syndrome.	Cagnacci A, Tirelli A, Renzi A, Paoletti AM, Volpe A.	Contraception. 2006 Apr;73(4):348-51. Epub 2005 Nov 16.	PMID:16531164
Simvastatin improves biochemical parameters in women with polycystic ovary syndrome: results of a prospective, randomized trial.	Duleba AJ, Banaszewska B, Spaczynski RZ, Pawelczyk L.	Fertil Steril. 2006 Apr;85(4):996-1001. Epub 2006 Mar 9.	PMID:16580386
Randomized placebo-controlled trial of metformin for adolescents with polycystic ovary syndrome.	Bridger T, MacDonald S, Baltzer F, Rodd C.	Arch Pediatr Adolesc Med. 2006 Mar;160(3):241-6.	PMID:16520442
Early effects of metformin in women with polycystic ovary syndrome: a	Eisenhardt S, Schwarzmann N,	J Clin Endocrinol Metab. 2006 Mar;91(3):946-52. Epub 2005 Dec 13.	PMID:16352680

prospective randomized, double-blind, placebo-controlled trial.	Henschel V, Germeyer A, von Wolff M, Hamann A, Strowitzki T.		
A randomized controlled trial of the efficacy of rosiglitazone and clomiphene citrate versus metformin and clomiphene citrate in women with clomiphene citrate-resistant polycystic ovary syndrome.	Rouzi AA, Ardawi MS.	Fertil Steril. 2006 Feb;85(2):428-35.	PMID:16595222
Effects of two forms of combined oral contraceptives on carbohydrate metabolism in adolescents with polycystic ovary syndrome.	Mastorakos G, Koliopoulos C, Deligeoroglou E, Diamanti-Kandarakis E, Creatsas G.	Fertil Steril. 2006 Feb;85(2):420-7.	PMID:16595221
Effects of switching to wen-jing-tang (unkei-to) from preceding herbal preparations selected by eight-principle pattern identification on endocrinological status and ovulatory induction in women with polycystic ovary syndrome.	Ushiroyama T, Hosotani T, Mori K, Yamashita Y, Ikeda A, Ueki M.	Am J Chin Med. 2006;34(2):177-87.	PMID:16552830
Combined lifestyle modification and metformin in obese patients with polycystic ovary syndrome. A randomized, placebo-controlled, double-blind multicentre study.	Tang T, Glanville J, Hayden CJ, White D, Barth JH, Balen AH.	Hum Reprod. 2006 Jan;21(1):80-9. Epub 2005 Sep 30.	PMID:16199429
Rosiglitazone and ethinyl estradiol/cyproterone acetate as single and combined treatment of overweight women with polycystic ovary syndrome and insulin resistance.	Lemay A, Dodin S, Turcot L, Déchêne F, Forest JC	Hum Reprod. 2006 Jan;21(1):121-8. Epub 2005 Sep 30.	PMID:16199428
Metabolic and ovarian effects of rosiglitazone treatment for 12 weeks in insulin-resistant women with polycystic	Cataldo NA, Abbasi F, McLaughlin TL, Basina M, Fechner PY, Giudice LC,	Hum Reprod. 2006 Jan;21(1):109-20. Epub 2005 Sep 9.	PMID:16155076

ovary syndrome.	Reaven GM.		
Effects of Chinese green tea on weight, and hormonal and biochemical profiles in obese patients with polycystic ovary syndrome--a randomized placebo-controlled trial.	Chan CC, Koo MW, Ng EH, Tang OS, Yeung WS, Ho PC.	J Soc Gynecol Investig. 2006 Jan;13(1):63-8.	PMID:16378915
The effects of rosiglitazone and metformin on insulin resistance and serum androgen levels in obese and lean patients with polycystic ovary syndrome.	Yilmaz M, Biri A, Karakoç A, Törüner F, Bingöl B, Cakir N, Tiras B, Ayvaz G, Arslan M	J Endocrinol Invest. 2005 Dec;28(11):1003-8.	PMID:16483179
LH suppression following different low doses of the GnRH antagonist ganirelix in polycystic ovary syndrome.	Hohmann FP, Laven JS, Mulders AG, Oberyé JJ, Mannaerts BM, de Jong FH, Fauser BC	J Endocrinol Invest. 2005 Dec;28(11):990-7.	PMID:16483177
A randomized controlled trial evaluating metformin pre-treatment and co-administration in non-obese insulin-resistant women with polycystic ovary syndrome treated with controlled ovarian stimulation plus timed intercourse or intrauterine insemination.	Palomba S, Falbo A, Orio F Jr, Manguso F, Russo T, Tolino A, Annamaria C, Dale B, Zullo F.	Hum Reprod. 2005 Oct;20(10):2879-86. Epub 2005 Jun 15.	PMID:15958399
Pioglitazone treatment increases spontaneous growth hormone (GH) secretion and stimulated GH levels in polycystic ovary syndrome.	Glintborg D, Støving RK, Hagen C, Hermann AP, Frystyk J, Veldhuis JD, Flyvbjerg A, Andersen M	J Clin Endocrinol Metab. 2005 Oct;90(10):5605-12. Epub 2005 Aug 2.	PMID:16076946
Comparison of 5-, 10-, and 15-point laparoscopic ovarian electrocauterization in patients with polycystic ovarian disease: a prospective, randomized study.	Tabrizi NM, Mohammad K, Dabirashrafi H, Nia FI, Salehi P, Dabirashrafi B, Shams S.	JSLs. 2005 Oct-Dec;9(4):439-41.	PMID:16381363 PMCID:PMC3015630
The role of ketoconazole in the prevention of ovarian hyperstimulation	Owj M, Tehrani-Nejad ES, Amirchaghmaghi E,	Saudi Med J. 2005 Oct;26(10):1584-7.	PMID:16228060

syndrome in patients with polycystic ovary syndrome during assisted reproductive technology cycles.	Baghestani AR, Ahmadi J.		
Metformin treatment in patients with polycystic ovary syndrome undergoing in vitro fertilization: a prospective randomized trial.	Onalan G, Pabuçcu R, Goktolga U, Ceyhan T, Bagis T, Cincik M	Fertil Steril. 2005 Sep;84(3):798-801.	PMID:16169430
Acarbose in obese patients with polycystic ovarian syndrome: a double-blind, randomized, placebo-controlled study.	Penna IA, Canella PR, Reis RM, Silva de Sá MF, Ferriani RA	Hum Reprod. 2005 Sep;20(9):2396-401. Epub 2005 Jul 8.	PMID:16006454
Metformin and weight loss in obese women with polycystic ovary syndrome: comparison of doses.	Harborne LR, Sattar N, Norman JE, Fleming R.	J Clin Endocrinol Metab. 2005 Aug;90(8):4593-8. Epub 2005 May 10.	PMID:15886247
Randomized controlled trial evaluating response to metformin versus standard therapy in the treatment of adolescents with polycystic ovary syndrome.	Allen HF, Mazzone C, Heptulla RA, Murray MA, Miller N, Koenigs L, Reiter EO.	J Pediatr Endocrinol Metab. 2005 Aug;18(8):761-8.	PMID:16200842
Ultra-short metformin pretreatment for clomiphene citrate-resistant polycystic ovary syndrome.	Hwu YM, Lin SY, Huang WY, Lin MH, Lee RK.	Int J Gynaecol Obstet. 2005 Jul;90(1):39-43.	PMID:15921686
Prospective parallel randomized, double-blind, double-dummy controlled clinical trial comparing clomiphene citrate and metformin as the first-line treatment for ovulation induction in nonobese anovulatory women with polycystic ovary syndrome.	Palomba S, Orio F Jr, Falbo A, Manguso F, Russo T, Cascella T, Tolino A, Carmina E, Colao A, Zullo F.	J Clin Endocrinol Metab. 2005 Jul;90(7):4068-74. Epub 2005 Apr 19.	PMID:15840746
Efficacy of octreotide-LAR in dieting women with abdominal obesity and polycystic ovary syndrome.	Gambineri A, Patton L, De lasio R, Cantelli B, Cognini GE, Filicori M, Barreca A, Diamanti-Kandarakis E, Pagotto U, Pasquali R.	J Clin Endocrinol Metab. 2005 Jul;90(7):3854-62. Epub 2005 Apr 12.	PMID:15827099

Endocrine and metabolic effects of rosiglitazone in non-obese women with polycystic ovary disease.	Dereli D, Dereli T, Bayraktar F, Ozgen AG, Yilmaz C.	Endocr J. 2005 Jun;52(3):299-308.	PMID:16006724
Administration of B-group vitamins reduces circulating homocysteine in polycystic ovarian syndrome patients treated with metformin: a randomized trial.	Kilicdag EB, Bagis T, Tarim E, Aslan E, Erkanli S, Simsek E, Haydardedeoglu B, Kuscu E.	Hum Reprod. 2005 Jun;20(6):1521-8. Epub 2005 Mar 24.	PMID:15790610
A randomized controlled trial of laser treatment among hirsute women with polycystic ovary syndrome.	Clayton WJ, Lipton M, Elford J, Rustin M, Sherr L.	Br J Dermatol. 2005 May;152(5):986-92.	PMID:15888157
IVF versus ICSI in sibling oocytes from patients with polycystic ovarian syndrome: a randomized controlled trial.	Hwang JL, Seow KM, Lin YH, Hsieh BC, Huang LW, Chen HJ, Huang SC, Chen CY, Chen PH, Tzeng CR.	Hum Reprod. 2005 May;20(5):1261-5. Epub 2005 Feb 10.	PMID:15705619
Homocysteine levels in women with polycystic ovary syndrome treated with metformin versus rosiglitazone: a randomized study.	Kilicdag EB, Bagis T, Zeyneloglu HB, Tarim E, Aslan E, Haydardedeoglu B, Erkanli S.	Hum Reprod. 2005 Apr;20(4):894-9. Epub 2004 Dec 23.	PMID:15618250
Responses of serum androgen and insulin resistance to metformin and pioglitazone in obese, insulin-resistant women with polycystic ovary syndrome.	Ortega-González C, Luna S, Hernández L, Crespo G, Aguayo P, Arteaga-Troncoso G, Parra A	J Clin Endocrinol Metab. 2005 Mar;90(3):1360-5. Epub 2004 Dec 14.	PMID:15598674
Effects of metformin and ethinyl estradiol-cyproterone acetate on lipid levels in obese and non-obese women with polycystic ovary syndrome.	Rautio K, Tapanainen JS, Ruokonen A, Morin-Papunen LC.	Eur J Endocrinol. 2005 Feb;152(2):269-75.	PMID:15745936
N-acetyl-cysteine is a novel adjuvant to clomiphene citrate in clomiphene citrate-resistant patients with polycystic ovary syndrome.	Rizk AY, Bedaiwy MA, Al-Inany HG.	Fertil Steril. 2005 Feb;83(2):367-70.	PMID:15705376
Orlistat is as beneficial as metformin in the treatment of polycystic ovarian syndrome.	Jayagopal V, Kilpatrick ES, Holding S, Jennings PE, Atkin SL.	J Clin Endocrinol Metab. 2005 Feb;90(2):729-33. Epub 2004 Nov 9.	PMID:15536162

Use of a GnRH antagonist in controlled ovarian hyperstimulation for assisted conception in women with polycystic ovary disease: a randomized, prospective, pilot study.	Bahçeci M, Ulug U, Ben-Shlomo I, Erden HF, Akman MA	J Reprod Med. 2005 Feb;50(2):84-90.	PMID:15755044
Metformin reduces serum mullerian-inhibiting substance levels in women with polycystic ovary syndrome after protracted treatment.	Fleming R, Harborne L, MacLaughlin DT, Ling D, Norman J, Sattar N, Seifer DB.	Fertil Steril. 2005 Jan;83(1):130-6.	PMID:15652898
The effect of combination therapy with metformin and combined oral contraceptives (COC) versus COC alone on insulin sensitivity, hyperandrogenaemia, SHBG and lipids in PCOS patients.	Cibula D, Fanta M, Vrbikova J, Stanicka S, Dvorakova K, Hill M, Skrha J, Zivny J, Skrenkova J.	Hum Reprod. 2005 Jan;20(1):180-4. Epub 2004 Dec 2.	PMID:15576394
Randomized, controlled trial of priming with 10,000 IU versus 20,000 IU of human chorionic gonadotropin in women with polycystic ovary syndrome who are undergoing in vitro maturation.	Gulekli B, Buckett WM, Chian RC, Child TJ, Abdul-Jalil AK, Tan SL.	Fertil Steril. 2004 Nov;82(5):1458-9.	PMID:15533381
Ovulation induction with urinary FSH or recombinant FSH in polycystic ovary syndrome patients: a prospective randomized analysis of cost-effectiveness.	Gerli S, Casini ML, Unfer V, Costabile L, Mignosa M, Di Renzo GC.	Reprod Biomed Online. 2004 Nov;9(5):494-9.	PMID:15588465
Effects of metformin and rosiglitazone, alone and in combination, in nonobese women with polycystic ovary syndrome and normal indices of insulin sensitivity.	Baillargeon JP, Jakubowicz DJ, Luorno MJ, Jakubowicz S, Nestler JE.	Fertil Steril. 2004 Oct;82(4):893-902.	PMID:15482765
Treatment effect of sibutramine compared to fluoxetine on leptin levels in polycystic ovary disease.	Karabacak IY, Karabacak O, Törüner FB, Akdemir O, Arslan M	Gynecol Endocrinol. 2004 Oct;19(4):196-201.	PMID:15724802
Metformin administration versus laparoscopic ovarian diathermy in	Palomba S, Orio F Jr, Nardo LG, Falbo A, Russo	J Clin Endocrinol Metab. 2004 Oct;89(10):4801-9. Erratum in: J Clin	PMID:15472166

clomiphene citrate-resistant women with polycystic ovary syndrome: a prospective parallel randomized double-blind placebo-controlled trial.	T, Corea D, Doldo P, Lombardi G, Tolino A, Colao A, Zullo F.	Endocrinol Metab. 2005 Jul;90(7):3945.	
Ovulation induction in women with polycystic ovary syndrome: randomized trial of clomiphene citrate versus low-dose recombinant FSH as first line therapy.	López E, Gunby J, Daya S, Parrilla JJ, Abad L, Balasch J	Reprod Biomed Online. 2004 Oct;9(4):382-90.	PMID:15511336
Metformin versus flutamide in the treatment of metabolic consequences of non-obese young women with polycystic ovary syndrome: a randomized prospective study.	Sahin I, Serter R, Karakurt F, Demirbas B, Culha C, Taskapan C, Kosar F, Aral Y.	Gynecol Endocrinol. 2004 Sep;19(3):115-24.	PMID:15697072
Ovarian stimulation by concomitant administration of cetrorelix acetate and HMG following Diane-35 pre-treatment for patients with polycystic ovary syndrome: a prospective randomized study.	Hwang JL, Seow KM, Lin YH, Huang LW, Hsieh BC, Tsai YL, Wu GJ, Huang SC, Chen CY, Chen PH, Tzeng CR.	Hum Reprod. 2004 Sep;19(9):1993-2000. Epub 2004 Jul 29.	PMID:15284212
A randomized, 48-week, placebo-controlled trial of intensive lifestyle modification and/or metformin therapy in overweight women with polycystic ovary syndrome: a pilot study.	Hoeger KM, Kochman L, Wixom N, Craig K, Miller RK, Guzick DS.	Fertil Steril. 2004 Aug;82(2):421-9.	PMID:15302293
Flutamide-metformin plus an oral contraceptive (OC) for young women with polycystic ovary syndrome: switch from third- to fourth-generation OC reduces body adiposity.	Ibáñez L, De Zegher F	Hum Reprod. 2004 Aug;19(8):1725-7. Epub 2004 Jun 30.	PMID:15229206
Metformin reduces pregnancy complications without affecting androgen levels in pregnant polycystic ovary syndrome women: results of a	Vanky E, Salvesen KA, Heimstad R, Fougner KJ, Romundstad P, Carlsen SM.	Hum Reprod. 2004 Aug;19(8):1734-40. Epub 2004 Jun 3.	PMID:15178665

randomized study.			
Effect of the insulin sensitizer pioglitazone on insulin resistance, hyperandrogenism, and ovulatory dysfunction in women with polycystic ovary syndrome.	Brettenthaler N, De Geyter C, Huber PR, Keller U.	J Clin Endocrinol Metab. 2004 Aug;89(8):3835-40.	PMID:15292314
Metformin treatment before IVF/ICSI in women with polycystic ovary syndrome; a prospective, randomized, double blind study.	Kjøtrød SB, von Düring V, Carlsen SM	Hum Reprod. 2004 Jun;19(6):1315-22. Epub 2004 Apr 29.	PMID:15117902
Comparison of efficacy of spironolactone with metformin in the management of polycystic ovary syndrome: an open-labeled study.	Ganie MA, Khurana ML, Eunice M, Gupta N, Gulati M, Dwivedi SN, Ammini AC.	J Clin Endocrinol Metab. 2004 Jun;89(6):2756-62. Erratum in: J Clin Endocrinol Metab. 2004 Sep;89(9):4655.	PMID:15181054
The effects of metformin on insulin resistance, clomiphene-induced ovulation and pregnancy rates in women with polycystic ovary syndrome.	Sahin Y, Yirmibeş U, Keleştimur F, Aygen E	Eur J Obstet Gynecol Reprod Biol. 2004 Apr 15;113(2):214-20.	PMID:15063963
A randomized trial of the effects of two types of short-term hypocaloric diets on weight loss in women with polycystic ovary syndrome.	Stamets K, Taylor DS, Kunselman A, Demers LM, Pelkman CL, Legro RS.	Fertil Steril. 2004 Mar;81(3):630-7.	PMID:15037413
Six-month treatment with low-dose dexamethasone further reduces androgen levels in PCOS women treated with diet and lifestyle advice, and metformin.	Vanky E, Salvesen KA, Carlsen SM.	Hum Reprod. 2004 Mar;19(3):529-33. Epub 2004 Jan 29.	PMID:14998946
Metabolic and endocrine effects of treatment with peroral or transdermal oestrogens in conjunction with peroral cyproterone acetate in women with polycystic ovary syndrome.	Vrbíková J, Stanická S, Dvorská K, Hill M, Vondra K, Bendlová B, Stárka L	Eur J Endocrinol. 2004 Feb;150(2):215-23.	PMID:14763920
Human chorionic gonadotropin for in vitro oocyte maturation: does it improve	Buckett WM, Chian RC, Tan SL.	J Reprod Med. 2004 Feb;49(2):93-8.	PMID:15018436

the endometrium or implantation?

Using an electrocautery strategy or recombinant follicle stimulating hormone to induce ovulation in polycystic ovary syndrome: randomised controlled trial.

Bayram N, van Wely M, Kaaijk EM, Bossuyt PM, van der Veen F.

BMJ. 2004 Jan 24;328(7433):192.

PMID:14739186 |
PMCID:PMC318481

Low-dose ovulation induction with urinary gonadotropins or recombinant follicle stimulating hormone in patients with polycystic ovary syndrome.

Szilágyi A, Bártfai G, Mánfai A, Koloszar S, Pál A, Szabó I

Gynecol Endocrinol. 2004 Jan;18(1):17-22.

PMID:15106360