

# **PROGESTERONE & PREGNANCY**

**A Guide to Using Bioidentical Progesterone  
to Facilitate Fertility and Support Pregnancy**

Dedicated to my three 'progesterone' grandbabies  
- Marli, Hendrix & Owen -

A Making Plans Production

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## Medical references

1. *Micronized progesterone in the treatment of imminent necrosis of a myoma during pregnancy. Ultrasound changes during treatment.* Hajek Z, Uhlir M, Ceska Gynekol 1999;64(3):189-92.  
<http://www.ncbi.nlm.nih.gov/pubmed/10568051>
2. *Micronized progesterone: clinical indications and comparison with current treatments.* Fitzpatrick LA, Good A. Fertil Steril 1999;72(3):389-97.  
<http://www.ncbi.nlm.nih.gov/pubmed/10519605>
3. *Oral administration of micronized natural progesterone in late human pregnancy. Effects on progesterone and estrogen concentrations in the plasma, placenta, and myometrium.* Ferre F, Uzan M, Janssens Y, Tanguy G, Jolivet A, Breuille M, Sureau C, Cedard L., Am J Obstet Gynecol 1984; 148(1): 26-34.  
<http://www.ncbi.nlm.nih.gov/pubmed/6691378>
4. *The effect of progesterone and progestogens on the fetus.* Dalton K. Neuropharmacology 1981; 20(12B):1267-9.  
<http://www.ncbi.nlm.nih.gov/pubmed/7033815>
5. *Comparison between different routes of progesterone administration as luteal phase support in infertility treatments,* Tavaniotou A, Smitz J, Bourgain C, Devroey P. Hum Reprod Update 2000 Mar-Apr;6(2):139-48
6. *Hormones May Help Vs. Premature Delivery,* 2003, Aetna IntelliHealth Inc  
<http://www.intelihealth.com/IH/ihtIH/EMIHC000/333/21345/365602.html>
7. *High-dose Progesterone Treatment Reduces Preterm Delivery Risk,* 2007 Medical News Today  
<http://www.medicalnewstoday.com/articles/62754.php>
8. *Women's Health Initiative* 2002, Fred Hutchinson Cancer Research Center in Seattle, WA, USA.  
<http://www.whiscience.org/about/overview.php>
9. *The Bioidentical Hormone Debate: Are Bioidentical Hormones (Estradiol, Estriol, and Progesterone) Safer or More Efficacious than Commonly Used Synthetic Versions in Hormone Replacement Therapy?* Holtorf K. Postgrad Med 2009;121(1):1-13.
10. *Could transdermal estradiol + Progesterone be a safer postmenopausal HRT? A review.* L'Hermite M, Simoncini T, Fuller S, Genazzani AR. Maturitas 2008;60(3-4):185-201.  
<http://www.ncbi.nlm.nih.gov/pubmed/18775609>
11. *Breast cancer risk in relation to different types of hormone replacement therapy in the E3N-EPIC cohort.* Fournier A, Berrino F, Riboli E, Avenel V, Clavel-Chapelon F. Int J Cancer 2005; 114(3):448-54.  
<http://www.ncbi.nlm.nih.gov/pubmed/15551359>
12. *Progestins and Progesterone in hormone replacement therapy and the risk of breast cancer.* Campagnoli C, Clavel-Chapelon F, Kaaks R, Peris C, Berrino F. J Steroid Biochem Mol Biol 2005; 96(2):95-108.  
<http://www.ncbi.nlm.nih.gov/pubmed/15908197>
13. *Hormone therapy - it's time for a second opinion.* Collins JJ, Ahlgrim M. Int J Pharm Compounding 2008;12(7):123-127.  
<http://www.ijpc.com/Abstracts/Abstract.cfm?ABS=2731>
14. *Vitamin D Cuts Preterm Birth Risks Expectant Moms Urged to Boost Daily Dosages,* 2010 The Calgary Herald  
<http://www.calgaryherald.com/health/Vitamin+cuts+preterm+birth+risks/2973350/story.html>
15. *Endogenous estrogen, androgen, and progesterone concentrations and breast cancer risk among postmenopausal women.* Missmer SA, Eliassen AH, Barbieri RL, Hankinson SE.  
<http://www.ncbi.nlm.nih.gov/pubmed/15601642>
16. *Part 3 - The science behind bioidentical hormone replacement therapy.* Wepfer ST. Int J Pharm Compounding 2002;6(2):142-6  
<http://www.ijpc.com/Abstracts/Abstract.cfm?ABS=795>
17. *Pregnancy, progesterone and progestins in relation to breast cancer risk.* Campagnoli C, Abba C, Ambroggio S, Peris C. J Steroid Biochem Mol Biol 2005; 97(5):441-50.  
<http://www.ncbi.nlm.nih.gov/pubmed/16249080>
18. *A Test for Premature Birth?* 2009, NHS Choices  
<http://www.nhs.uk/news/2009/07/July/Pages/EarlyBirthProgesteroneTest.aspx>
19. *Progesterone Support in Pregnancy,* NaProTechnology.com  
<http://www.naprotechnology.com/progesterone.htm>
20. *Progesterone inhibits growth and induces apoptosis in breast cancer cells: inverse effects on Bcl-2 and p53.* Formby B, Wiley TS. Ann Clin Lab Sci 1998;28(6):360-9  
<http://www.ncbi.nlm.nih.gov/pubmed/9846203>

21. Peat, Ray, Ph.D., *Progesterone: Essential to Your Well-Being*, 1982  
<http://www.tidesoflife.com/essential.htm>
22. *Progesterone Supplementation During Luteal Phase and in Early Pregnancy in the Treatment of Infertility: an Education Bulletin*, 2008, The Practice Committee of the American Society for Reproductive Medicine  
<http://www.natural-progesterone-advisory-network.com/pdfs/ProgesteroneSupplementation.pdf>
23. *Topical progesterone cream has antiproliferative effect on estrogen-stimulated endometrium*. Leonetti HB, Wilson KJ, Anasti JN. *Fertil Steril* 2003;79(1):221-2  
<http://www.ncbi.nlm.nih.gov/pubmed/12524095>
24. *Transdermal progesterone cream as an alternative progestin in hormone therapy*. Leonetti HB, Landes J, Steinberg D, Anasti JN. *Altern Ther Health Med* 2005; 11(6):36-38.  
<http://www.ncbi.nlm.nih.gov/pubmed/16320858>
25. Shantha S, Brooks-Gunn J, Locke RJ, Warren MP. *Natural vaginal progesterone is associated with minimal psychological side effects: a preliminary study*. *J Women Health Gend Based Med* 2001 Dec;10(10):991-7.  
<http://www.ncbi.nlm.nih.gov/pubmed/11788109>
26. Sitruk-Ware R. *Transdermal delivery of steroids*. *Contraception* 1989 Jan; 39(1): 1-20.  
<http://www.ncbi.nlm.nih.gov/pubmed/2642780>
27. *Estrogen - Progesterone And Female Problems*, 2001 Lita Lee, Ph.D  
<http://www.litalee.com/documents/Estrogen%20-%20Progesterone%20And%20Female%20Problems.pdf>
28. Peat, Ray, Ph.D., *Nutrition for Women*, Eugene, CA 97405  
<http://raypeat.com>
29. *Apoptosis*, 2009, John W. Kimball  
<http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/A/Apoptosis.html>
30. *Iodine deficiency in ambulatory participants at a Sydney teaching hospital: is Australia truly iodine replete?* *MJA* 1999; 171: 467-470  
[http://www.mja.com.au/public/issues/171\\_9\\_011199/gunton/gunton.html](http://www.mja.com.au/public/issues/171_9_011199/gunton/gunton.html)
31. *Iodine Supplementation for Pregnant and Breastfeeding Women*, 2010 NHMRC Canberra  
[http://www.nhmrc.gov.au/files\\_nhmrc/file/publications/synopses/new45\\_statement.pdf](http://www.nhmrc.gov.au/files_nhmrc/file/publications/synopses/new45_statement.pdf)
32. *Pregnancy and Lactation*, Vitamin D Council, Cal. USA  
<http://www.vitamindcouncil.org/researchPregnancy.shtml>
33. *Blood Spot & Saliva Testing*, ZRT Laboratory, Or. USA  
<http://www.zrtlab.com/information-and-research/provider-resources.html>
34. *High Doses of Vitamin D May Cut Pregnancy Risks*, 2010 WebMD  
<http://www.webmd.com/baby/news/20100504/high-doses-of-vitamin-d-may-cut-pregnancy-risk>  
<http://clinicaltrials.gov/ct2/show/NCT00292591>
35. *Vitamin A Toxicity*, Vitamin D Council, Cal. USA  
<http://www.vitamindcouncil.org/newsletter/2008-december.shtml>
36. *Guide to Safe Drinking Water*, Environmental Working Group, USA  
[http://www.ewg.org/files/EWG\\_safedrinkingwater.pdf](http://www.ewg.org/files/EWG_safedrinkingwater.pdf)
37. *Measure Hormones in Blood Spot Test*, Virginia Hopkins Health  
<http://www.virginiahopkinstestkits.com/hormonebloodspot.html>
38. Bone K, *Modern Phytotherapist* Vol.3, No.2 1997  
<http://www.mediherb.com.au>
39. *List of Drug Substances Requiring Import and or Export Authorisations*, Department of Health and Ageing, Canberra  
<http://www.health.gov.au/internet/main/publishing.nsf/Content/ocs-treaties-compliance-prohibited-impexp-precursor.htm>
40. *Progesterone for Traumatic Brain Injury (ProTECT III)* 2010 Emory University, USA  
<http://clinicaltrials.gov/ct2/show/NCT00822900>
41. John R. Lee M.D., David T. Zava Ph.D., Virginia Hopkins, M.A. 2002 *What Your Doctor May Not Tell You About Breast Cancer*, Penguin, Australia
42. *Natural Progesterone: What Role in Women's Health Care?* 1998, Jane L. Murray, M.D., Women Health Primary Care, USA  
<http://www.natural-progesterone-advisory-network.com/PDFs/murray.pdf>
43. *Estrogens as Endogenous Genotoxic Agents—DNA Adducts and Mutations* 2000 Ercole Cavalieri, D.Sc., Journal of the National Cancer Institute Monographs, No. 27, 75-94, Oxford University Press  
<http://jncimono.oxfordjournals.org>
44. *Breast Cancer: A Growing Danger for Overweight Men and Women* 2006 Caroline J. Cederquist, M.D., www.OBGYN.net  
[http://www.obgyn.net/bh/bh.asp?page=/bh/press/breast\\_cancer\\_cederquist](http://www.obgyn.net/bh/bh.asp?page=/bh/press/breast_cancer_cederquist)

45. *Compounds in Plastic Packaging Act as Environmental Estrogens Altering Breast Genes* 2005, Fox Chase Cancer Center, Philadelphia, PA, USA  
<http://www.medicalnewstoday.com/articles/23011.php>
46. Northrup C. *Women's Bodies; Women's Wisdom*. New York, NY: Bantam Books; 1994
47. Lee JR. *Natural Progesterone. The Multiple Roles of a Remarkable Hormone*. Sebastopol, Calif: BLL Publishing; 1993.
48. C.W. Randolph, Jr., M.D., R.Ph., Genie James, M.M.Sc., *From Hormone Hell to Hormone Well* 2004, Natural Hormone Institute of America  
<http://www.hormonewell.com/>
49. Colborn T, Dumanoski D, Myers JP, 1996 *Our Stolen Future*. Abacus UK
50. Seaman, B. *The Greatest Experiment Ever Performed on Women: Exploding the Estrogen Myth* 2003. Seven Stories Press NY
51. Yen SSC. *Endocrine-metabolic alterations in pregnancy*. In: Yen SSC, Jaffe RB, eds. *Reproductive Endocrinology*. Philadelphia, Pa: WB Saunders Co; 1991:936-981
52. Sitruk-Ware R. *Transdermal delivery of steroids*. *Contraception*. 1989;39:1-20
53. Cowan LD, Gordis L, Tonascia JA, Jones GS. *Breast cancer incidence in women with a history of progesterone deficiency*. *Am J Epidemiol*. 1981;114:209-217  
<http://www.ncbi.nlm.nih.gov/pubmed/7304556>
54. Chang KJ, Lee TT, Linares-Cruz G, et al. *Influences of percutaneous administration of estradiol and progesterone on human breast epithelial cell cycle in vivo*. *Fertil Steril*. 1995;63:785-791  
<http://www.ncbi.nlm.nih.gov/pubmed/7890063>
55. Rudel HW, Kincl FA. *The toxicity of progesterone*. In: Tausk M, ed. *International Encyclopedia of Pharmacology and Therapeutics*. New York, NY: Pergamon Press; 1971:405-409
56. Gonzales GF, Cordova A, Gonzales C, Chung A, Vega K, Villena A: *Lepidium meyenii (Maca) improved semen parameters in adult men*, *Asian J Androl* 2001, **3**:301-303.  
<http://www.ncbi.nlm.nih.gov/pubmed/11753476>
57. *Can Maca root be taken with progesterone*, Natural-Progesterone-Advisory-Network.com  
<http://www.natural-progesterone-advisory-network.com/can-maca-root-be-taken-with-progesterone/>
58. Ruiz AC, Salazar S, Aspajo NJ, Rubio J, Gasco M, Gonzales GF: *Lepidium meyenii (Maca) increases litter size in normal adult female mice*, *Reproductive Biology and Endocrinology* 2005, **3**:16doi:10.1186/1477-7827-3-16
59. <http://www.rbej.com/content/3/1/16>
60. Milewicz A, et al, *Vitex agnus castus extract in the treatment of luteal phase defects due to latent hyperprolactinaemia. Results of a randomized placebo-controlled double-blind study*, *Arzneim-Forschung*, 1993, **43**(II-7):752-6
61. Roeder, D, *Therapy of cyclical disorders with vitex agnus castus*, *Zeitschrift fur Phytotherapie*, 1994, **15**(3):157-63
62. Darbre PD, Aljarrah A, Miller WR, Coldham NG, Sauer MJ, Pope GS (2004 Jan-Feb). *Concentrations of parabens in human breast tumours*. *J Appl Toxicol* **24** (1): 5-13.  
<http://www.ncbi.nlm.nih.gov/pubmed/14745841>
63. *Effect of Tribulus terrestris treatment on impotence and libido disorders*, A.W. Nasution, Andalas University School of Medicine, Padang, Indonesia (1993)
64. Morgan M, Bane K. *Tribulus terrestris*. *Modern Phytotherapist* 1999; **49**(3): 19-24
65. Ganzera M, Bedir B, Khan JA. *Determination of ateroidal eaponins in Tribulus terrestris by reversed-phase high-performance liquid chromatography and evaporative light scattering detection*. *J Pharm Sci* 2001; **90**(11): 1762-1758
66. Harvey PW, Darbre P (2004). *Endocrine disruptors and human health: Could estrogenic chemicals in body care cosmetics adversely affect breast cancer incidence in women? A review of evidence and call for further research*. *Journal of Applied Toxicology* **24** (3): 167-76.  
<http://www.ncbi.nlm.nih.gov/pubmed/15211609>
67. *Infertility: Becoming Pregnant and Staying Pregnant*, John R. Lee M.D. Medical Letter  
<http://www.oasisadvancedwellness.com/learning/infertility-staying-pregnant.html>
68. *Natural Progesterone – Cancer in a Cream*, Rollins CP, Geelong, Australia.  
<http://www.natural-progesterone-advisory-network.com/natural-progesterone-cancer-in-a-cream/>

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