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<sup>7</sup> Semi-experimental

<sup>8</sup> Lynestrenol

<sup>9</sup> Pair T test

<sup>1</sup> Progesterone only pills (Pop)

<sup>2</sup> Spellacy

<sup>3</sup> Lipson

<sup>4</sup> Sivin

<sup>5</sup> Trusell

<sup>6</sup> Breck through bleeding

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<sup>1</sup> Bisset  
<sup>2</sup> Collin  
<sup>3</sup> Chang  
<sup>4</sup> Sivin

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<sup>1</sup> Harrison  
<sup>2</sup> Shaffer  
<sup>3</sup> Case control  
<sup>4</sup> Edmonds  
<sup>5</sup> Barfeldt  
<sup>6</sup> Mantel  
<sup>7</sup> Hernemann  
<sup>8</sup> Kjos  
<sup>9</sup> Non Insulin Dependent Diabetes Mellitus

## References:

1. Speroff L, Glass RH, Kase NG: Clinical Gynecologic Endocrinology and Infertility. 6<sup>th</sup> Ed, Baltimore, Lippincott Williams & Wilkins, 1999: 926-933.
2. Berek JS: Novak's Gynecology. 13<sup>th</sup> Ed, Philadelphia, Lippincott Williams and Wilkins, 2002: 255-263.
3. Gary Cunningham F, Gant NF, Leveno KJ, Gilstrap LC, Hauth JC, Wenstrom KD: William's Obstetrics. 21<sup>st</sup> Ed, New York, Mc Graw Hill, 2001: 1531-1533.
4. Trussell J, Hatcher RA, Cates WJr, Stewart FH, Kost K: Contraceptive failure in the United States: An update. *Stud Fam Plan*, 1990, 21(2): 51-52.
5. Sivin I: Alternative estimates of ectopic pregnancy risks during contraception. *Am J Ob Gyn*, 1991, 165 (14): 1900-1903.
6. Spellacy WN, Buih Wc, Birk SA: The effect of estrogens on carbohydrate metabolism: glucose, insulin and growth hormone studies on 171 women ingesting premarin, mestranol and ethinyl estradiol for six months. *Am J Ob Gyn*, 1972, 114(1): 378-392.
7. Lipson A, Stoy DB, La Rosa JC: Progestins and oral contraceptive – induced lipoprotein changes: A prospective study. *Contraception*, 1986, 34(1): 121-134.
8. Soong YK: Androgenic effect of progestational contraceptives. *Contraceptive*, 1998, 58(7): 235-237.
9. Trussell K, Kost K: contraceptive failure in the United States: A critical review of the literature. *Stud Fam Plan*, 1987, 18(3): 237-238.
10. Bisset Am, Dingwall – Fordyce I, Hamilton MJK: The efficacy of the progestogen - only pill as a contraceptive method. *Br J Fam Plann*, 1990, 16(2): 84-87.
11. Broome M, Fotherby K: Clinical experience with the progestogen – only pill. *Contraception*, 1990, 42(2): 489-491.
12. Collins K, Crosignani PG: Hormonal contraception without estrogens. *Hum Reprod Update*, 2003, 9(4): 373-386.
13. Chang FH: progestin only pill. *Clin Ob Gyn*, 1998, 4(2): 219-223.
14. Harrison WM, Woolley J: Progestogen – only emergency contraception and ectopic pregnancy. *J Fam Plann Reprod Health Care*, 2003, 29(1): 5-6.
15. Sheffer–Mimouni G, Pautzner D, Maslivitch S: Ectopic pregnancies following emergency levonorgestrel contraception. *Contraception*, 2003, 67(4): 267-269.
16. World health organization collaborative study of cardiovascular disease and steroid hormone contraception: cardiovascular disease and the use of oral and injectable progestogen – only contraceptives and combined injectable contraceptives: Results of an international multicenter case control study. *Contraception*, 1998, 57(2): 315-317.
17. Edmonds DK: Cardiovascular and use of progestin only pill. *Contraception*, 1998, 57(5): 315-318.
18. Barkfeldt J, Virkkunen A, Dieben T: The effects of two progesterone-only pills containing either desogestrel(75µg/day) or levonogestrel (30µg/day) on lipid metabolism. *Contraception*, 2001, 64(5): 295-298.
19. Mantel–Teauwisse Ak, Kloosterman JME, Maitland–Vander Zee AH: Drug-induced lipid changes: A review of the unintended effects of some commonly used drugs on serum lipid levels. *Drug Saf*, 2001, 24(2): 443-456.
20. Heinemann LA, Assmann A, Do Minh T, Garbe E: Oral progestogen only contraceptives and cardio vascular risk. *Eur J Contracept Reprod Health Care*, 1999, 4(2): 67-73.
21. Kjos SL, Peters RK, Xiang A, Thomas D, Schacfer U, Buchanan TA: Contraception and the risk of type 2 diabetes in Latino women with prior gestational diabetes. *JAMA*, 1998, 280(4): 533-537.
22. Lawreson RA, Leyden GM, Williams TJ, Newson RB, Feher MD: Patterns of contraception in UK women with type 1 iabetes Mellitus. *Diabet Med*, 1999, 16(5): 395-399.
23. Andre G: Contraception at 40. *Gyn Ob Fertil*, 2002, 30(7-8): 616-24.