

REFERENCES

Aitken, J.M.; Lorimer, A.R.; Mchay, Hart, D.; Lowric, T.D.V.
and Smith, D.A. :

Effect of oophorectomy and long term mestranol therapy on
the serum lipids of middle aged women. Clin. Scin. 41:
597; (1971).

Alaupovic, P. :

Apolipoproteins and lipoproteins. Atherosclerosis. 13:
141; (1971).

Allain, C.C.; Poon, L.S.; Chan, C.S.; Richmond, W. and Fu,
P.C.:

Enzymatic determination of total serum cholesterol and
HDL-c. Clinical Chem. 20: 470-475; (1974).

Allen, H.H. :

Triphasic oral contraceptives. Contraceptive delivery
system. 3 (4): 325; (1982).

Amatayakul, K. :

The effect of depoprovera on carbohydrate, lipids and
vitamins metabolism. Steroid Biochem. 11: 475-481,
(1979).

Amatoyakul, K.; Sivasomboon, B. and Singkamani, R. :

Effect of medroxyprogesterone acetate on serum lipids,
protein, glucose tolerance and liver function in thai.
women. Contraception, 21: 283-297; (1980).

Arantzenius, A.C. :

Diet. lipoproteins and progression of coronary
atherosclerosis. Drugs 31 (supplement I): 61; (1986).

Armitage, P. :

Statistical methods in medical research. 3rd ed.
Blackwell scientific publications, London, (1974).

Back, P.; Hampercht, B. and Lyven, E. :

Regulation of cholesterol biosynthesis in rat liver.
Arch. Biochem. 133: 11; (1969).

Back, D.J.; Breclen, Ridg, A.M. and Orme, M. :

Drug interaction with OCs steroids. L.P.P.P. Medec.
Bulletin. 17(1): 1-2; (1983).

Back, D.J.; Bates, M.; Brecknridge, L.M. and Hall, J.M. :

The pharmacokinetic of levonorgesterl and EE in women
studies. Contraception. 23(3): 229-239; (1991).

Bagdade and Subbaih :

Mechanism of accelerated atherogenesis in OCs related
atherosclerosis (116). Contraceptive delivery system. 3
(314): 61-69; (1982).

Balton, C.H. :

In "The management of the menopause and the post
menopausal years". Edited by S. compbell. Baltemore:
University park press, P. 185; (1976).

Barton, G.M.G.; Freeman, P.R. and Lamson, J.P. :

Effect of steroid hormone on lipids. J. Obstet., Gynec.
Brit. Comm. 77: 551; (1970).

Beek, P. :

Effect of progestgens on lipid metabolism. J. Clin.
Endocrin. 30: 785; (1970).

Beck, W.W. :

Complication and contraindication of oral contraception
clinical obstet. and Gynaecology. 24: 893-899; (1981).

Biferman, E.L.; Adams, R. and Braunwald, E. :

Disorders of the vascular system and lipid metabolism
Harisonis principles of internal medicine 10th ed.
McGrow-Hill international book company, London, P. 1465-
1475; (1983).

Bradley, D.D.; Krouss, R.M. and Ramcharan, S. :

Serum HDL-c in women using OCs estrogen and progesterone
N. Eng. J. Med., 299: 17-20; (1978).

Brigs, M. and Brigs, M. :

Plasma hormone concentration in women receiving steroid
contraceptives. OB., Gyne., 79: 496-509; (1972).

Brigs, M. and Brigs, M. :

A rondomized study of metabolic effects of four low
estrogen oral contraceptives. Contraception. 23: 463-471
(1981).

Brody, S.; Kerstell, J.; Nilsson, L. and Svanborg, A. :

Effect of megstrol acetate on lipids. Acta Med. Scand.
183: 1; (1968).

Brooks, P.G. :

Pills formulation and their effect on lipid and carbohy-
drate metabolism. Journal of reproductive medicine, 29
(7 suppl), 529-547; (1984).

Brown, M.S. and Goldstein, J.L. :

The low density lipoprotein pathway and its relation to
atherosclerosis. Ann. Review of Biochem. 46:897; (1983).

Burkman, R.T. :

Lipid and lipoprotein changes in relation to oral contraception and hormonal replacement therapy. Fertil., steril. 49: 395-505; (1988).

Burkman, R.T.; Zacur, H.A. and Kimbal, A.W. :

Oral contraceptives and lipids and lipoproteins: parts variations in mean levels by oral contraceptive type. Contraception 40 : 553-561; (1989).

Castelli, W.; Clarifing, Bruce, V. and Sladel, M. :

The effects of multiphasic oral contraception on lipids. New Eng. J. of Med. 305 (11): 612-617 and 672-677; (1988).

Chait, A. and Brunzell, J.D. :

Severe hypertriglyceridaemia: role of familial and acquired disorders. Metabolism. 23-209; (1983).

Chen, C.; Applegate, K. and King, W.C. :

A study of the small spherical high density lipoproteins of patients afflicted with familial lecithin:cholesterol acyltransferase deficiency. J.Lipid Res. 25:269; (1984).

Corredor, P.M.; Mendelsohn, M.; Sabeh, G.; Sunder, J. and Bunowski, T. :

Norethynodrel and mestranol administration for fertility control. Clin. Pharmacology. 11: 188-201; (1970).

Craft, P. and Hannaford, P. :

Risk factors for acute myocardial infarction in women. Br. Med. J., 96: 298-674; (1989).

Crona, N.; Silferstalpe, G. and Samsoie, G. :

The influence of hormonal replacement theory on lipid and lipoprotein metabolism. Acta. Obstetric, Gynae. 2nd (suppl. 1): 130-149; (1985).

Cullberg, Davrel, Lindstredt and Steffensen :

The use of plasma protein as indicators of the metabolic effect by combined oral contraceptives. Acta Obst., Gynae. Scand 91: (suppl. 4), 339-345, (1979).

Cullberg, G.; Samsioc, G. and Anderson :

Oral contraceptives efficacy serum protein and lipid metabolism. Contraception. 26 (3); (1982).

Darwish, H.A.; Sheaban, M.M.; Elwan, S.T. and Abdalla, S.A. :

Effects of subdermal levonogestrel contraceptive implants norplant, on serum lipids, in proceed signs of the symposium on long term subdermal contraceptive implant. Assuit, Egypt P. 115-121; (1984).

Daryl, K. and Granner :

Hormones of the gonads. Harper's Biochemistry P. 516-520; (1991).

Davis, S.S. :

A synthetic steroid R-2323 as a once a -week oral Cos. Fertil, Steril 31 (3): 278; (1979)

Dealvare, P.R.; Jahed, F.M. and Spitalny, K.J. :

Some side effect of oral contraceptive administration. Amer. J. Obstet. Gyne., 5: 727-734; (1973).

Deslypere, J.P.; Thiery, M. and Vermeulen, A. :

Effect of long term hormonal contraception on plasma lipids. Contraception, 31: 633-642; (1985).

Desoye, G.; Schweditsch, M.D.; Pfeiffer, K.P.; Zechner, R. and Kastner, G.M. :

Correlation of hormones with lipid and lipoprotein levels during normal pregnancy and postparum. J. Clin. Endocrinol. Metabo. 64 (4): 704-709 (1987).

Dhall, K.; Kremer, M.; Rastagi, G.K. and Devi, P.K. :

Short term effects of norethisterone acetonothatic and medroxy progesterone acetate on glucose, insulin, growth hormone and lipids. Fertil. 28: 126-128; (1977).

Diana, F.M.; Charles, S.A. and Shan, S. :

A comparative study of the effects of A monophasic and triphasic OCs containing EE and levonorgestrel on lipid and lipoprotein metabolism contraception. 42 (5): 535-353; 1990.

Dillon, R.S. :

Diseases of lipid metabolism. In handbook of endocrinology diagnosis and management of endocrine and metabolic disorders 2nd edition lea, feliger, philadelphia P. 13-44; (1980).

Djerassi, C. :

The chemical history of pill in the politics of contraception. Handbook of family planning, New york P. 227 Churchill Livingstone; (1985).

Done, U.M. and Katayun, V. :

Effect of different types of progestogens on lipids. Amer. J. Obstet. Gynec. 7: 736; (1975).

Düsterberg, B. and Brill, K. :

Clinical experience with a low dose OCs containing gestoden. Advances in contraception 6 (supplement): 37-39; (1991).

Edgreen, R.A. :

Progestein in clinical uses of sex steroids givens. Jr. ed. year book Chicago (1980).

Edwards, P.A.; Maraya, H. and Gould, R.G. :

Demonstration of the circadian rhythm of cholesterol biosynthesis in the liver and intestine of rat. J. Lipid Res. 13: 386; (1972).

El-Mawafi, D. :

Injectable contraception and serum lipids. M.Sc. Thesis in Obstet. and Gynae. Benha Faculty of Medicine, Egypt (1986).

Eisenberg and Levy :

Lipoprotein metabolism. Adva. Lipid Res. 13: 1; (1975).

Engelberg, H. and Glass, S.J. :

Effect of sex hormones on lipids. Metabolism. 4: 298; (1955).

Evan, S.A. :

Lipids, lipoproteins and apolipoprotein. In Text book of clinical chemistry, Norbert W.T. (ed.) P. 829, (1986).

Fahamy, K.; Khairy, M.; Allam, M.; Gobran, F. and Alloush, M.:

Effect of DMPA on coagulation factors and serum lipids in Egyptian women. In Contraception. 44 (4): 431-444; (1991).

Fazumi, L.D.:

Alteration in blood lipids and side effects induced by depo-provera in Nigerian women. Contraception, 27: 161-175; (1982).

Fazumi, L.D. :

Alterations in blood lipids and side effects induced by deprovera in Nigerian Womens. Contracep. 27: 161-175; (1983).

Fioretti, P.; Fruzzetti, F.; Novalesi, R.; Icci, C.; Miccoli, R.; Cerri, M. and Melis, G.B. :

Clinical and metabolic effects of pill containing 30 ug EE. T75 ug Gestoden. Contraception, 40 (6): 649-663; (1989).

Friedewald, W.I.; Levy, R.I. and Fredrickson, D.S. :

Estimation of the concentration of LDL-c in plasma without use of the preoperative ultracentrifuge. Clin. Chem. 8: 499-502; (1972).

Fronkz Stanczyk :

Metabolism of levonorgestrel and structurally related contraceptive steroid in contraception. Contraception. 42 (1): 67-96; (1990).

Fotherby, K.; Trayner, L.; Howard, G.; Hamowi, A. and Elder, M.C. :

Effect of injectable norethisterone enonhate (Norigest) on blood lipid levels. Contraception, 25: 435; (1982).

Fotherby, K. :

Metabolic effects of low dose combined oral contraceptives. Br. J. family planning, 10 (1): 15; (1984).

Fotherby, K. :

Oral contraceptives, lipids, and cardiovascular diseases Contraceptives, 31 (4): 367-394; (1985).

Fotherby, K.; Troner, L.; Longthorne, P.N.; Bernodette Lee and Watson, H.R. :

Metabolic investigations with femadene an OCs containing gestoden and EE. In contraception Vol. 35 (4): 324-337; (1987).

Furman, R.H.; Afoupavic, P. and Haward, R.P. :

Prog. Biochem. Pharmacol., 2: 215; (1967).

Ganong, W.F. :

Ovarian hormones. Review of medical physiology, fourteenth edition, A long medical book, California P. 374-387; (1989).

Gaspard, U.J.; Buret, J.; Gillain, D.; Romus, M.A. and Lambatte, R. :

Serum lipid and lipoproteins changes induced by new OCs containing EE. plus levonorgestrel or desogestrel. Contraception. 31(4): 395-408; (1985).

Glueck, C.J.; Levy, R.I. and Fredrickson, D.S. :

Hormones and lipids. Ann. Int. Med. 75: 354; (1971).

Glueck, C.J.; Ford, S.; Steiner, P.; Buxton, S. and Fallat, R. :

Sex steroid and lipid metabolism. Amer. J. Obstet. Gyne. 5: 1089; (1973).

Godsland, L.F.; Grook, D.; Simpson, R.; Prodler, T.; Felton, C.; Less, B.; Anyaku, V.; Devenpart, M. and Wynn, V. :

The effect of different formulation of OCs agent on carbohydrate and lipid metabolism. N. Engl. J. Med., 15: 1375-1381; (1990).

Goldzieher, J.W. and Rudel, H.W. :

How the oral contraceptive come to be developed. J. A.M.A., 230: 421-425; (1974).

Gordon, T.; Castelli, W.P.; Hjartland, M.C.; Konnel, W.B. and Dowber, T. :

High density lipoprotein as a protective factor against coronary heart disease. The farmingham study. Amer. J. Med. 62: 707-713; (1977).

Goodman, M. and Gilman, S.O. :

The pharmacological basis of thearaputic hormones and hormone against estrogen and progesterone. Macmillan Publishing Co. Inc. P. 1420; (1980).

Goodwin, J.F. and Yee, H.Y. :

Evaluation of some factors influencing the O-Lobidine reaction with glucose. Anal. Chem. 45:2162-2165; (1973).

Goodwin, M. :

Lipoproteins metabolism. Biochemistry of of lipids London, Butterworth. 2nd (ed): 265-277; (1974).

Gordon, V.; Innerarity, T.L. and Mahley, R.W. :

Formation of cholesterol and apoprotein in E-enriched high density lipoproteins in vitro. J. Biological Chemistry, 258: 620; (1983).

Gotto, A.M. :

High density lipoproteins: Biochemical and metabolic factors. Am. J. of Cardiol. 52 (4): 913; (1983).

Grow, T.E. and Fried, M. :

Interchange of apoprotein components between the human plasma high density lipoprotein. J. of Biological Chemistry 253: 1834; (1978).

Grundy, S.M. :

Special report: recommendations for the treatment of hyperlipdemia in adults. Atherosclerosis 4: 445A-465A; (1884).

Hatcher, R.A.; Stewart, F. and Guest, F. :

Overview of hormonal contraceptive technology 12th revised edition, Irvington publishers. Inc, New York P.33-51; (1985).

Hatcher, R.A.; Porten, J.; Hershel, J. and Walker, A.M.:

Mortality among OCs users. Obstet., Gynae. 29: 70; (1988).

Hatcher, R.A.; Kowal, D.; Gust, F.; Tressell, J.; Stewart, F.; Stewart, G.K.; Bown, S. and Cates, W. :

Hormonal contraceptive technology international edition
Atlanta, Georgia U.S.A printed matter Inc., (1989).

Havel, R.J.

Familial dysbetalipoproteinemia. Med. Clin. Nor. Am.
66(2): 319; (1982).

Henry, R.J. :

Principales and technics in "clinical chemistry" Harper
& Row, New York, (1974).

Hirvonen, E. :

Fatal cardiovascular comp. during the use of low
estrogen OCs, compared to IUD use and live births
associated with deaths in a ten-years period, 1975-1984
in Finland. Adv. Contraception 4 (1): 62; (1988).

Hopkins, P.N. and Williams, R.R. :

A survey of 246 suggested coronary risk factors.
Atherosclerosis, 40: 1-52; (1981).

Hopkins, S.J. :

EE./NORTHINDRONE retrospective and prospective triphasic
OCs. Medic amentas De actualidad. drugs of Today, 20
(8): 374-379; (1984).

Hoppe, G. :

The pill, the heart and HDL-c : facts and fictions. Adv.
Contraception, 2,3: 405-41; (1986).

Howard, R.P. and Furman, R.H. :

Androgenic steroid and some lipid parameters. J. Clin.
Endocrinology, Metabolism 22: 43-52; (1962).

Howard, G.; Bhair, M. and Fotherby, K. :

Some metabolic effects of long term use of injectable contraceptive norethisterone oenanthate. Lancet, 1: 423-425; (1982).

Hulley, S.B.; Rosenman, R.H.; Bawal, R.D. and Brond, R.J. :

Epidemiology as a Guide to clinical decisions, the association between triglycerides and coronary heart disease. New England J. Med. 302: 1383-1389; (1980).

Huppert, L. :

Vascular effects of hormonal contraception clinical obstet, Gynae. 24 (3): 956-960; (1981).

Ibrahim, N.M.; Hassan, M.I.; Abd El-Mageed, S.F. and Abd-Allal, M.Y. :

Effect of injectable contraceptive coagulation profile and lipid pattern in Egyptian women. Egypt. J. Biochem. 6: 21-38; (1988).

Inman, W.H.W.; Vessy, M.P.; Westerhalm, B. and Englund, A.:

Thrombo-embolic disease and steroidal content of oral contraceptives. A report to comittee on safty of drugs. Brit. Med. J. 2: 203-209; (1970).

Jan, A.; Gevers Leuven, Marianne, C.; Frans, M.; Angela Neymeyerefelaux and Follis, M. :

Effect of oral contraceptives on lipid metabolism. In Amer., J. of Obstet. Gynae, 163 (4): 1410-1413; (1990).

Jeffcoat, N. :

Sex hormone therapy. Principles of Gynecology, 4th ed. London Baston: Butterworths. P. 282-700; (1981).

Johnson, H. and Lee, G.:

Effect of norgestrel and EE on serum lipids. Min. Med. 54: 335; (1971).

Kannel, W.B.; Castelli, W.P. and Gordon, T. :

Cholesterol in prediction of atherosclerotic disease.
Ann. Intern. Med. 74: 1-11; (1971).

Kay, C.R. :

Progestogen and arterial disease. Evidence from the
royal college of general pract study. Amer. J. Obstet.
Gynae., 42: 762-765; (1982).

Kekwich, A. :

Adiposity and adipose tissue. In handbook of physiology,
sections. Edited by A.E. recnold and G.F. Cahill. PP.
617-624, Washington, D.C.; American Physiological society
(1965).

Khan-Dawood, F.S. :

In vitro metabolism of contraceptive steroids contracep-
tive delivery system. 3 (3/4): 305; (1982).

Kissebah, A.H.; Harrigan, P. and Wynon, V. :

Hormone metabolism. Res. 5: 184; (1973).

Kissebah, A.H.; Alfarsi, S. and Adams, P.W. :

Integrated regulation of very low density lipoprotein
triglyceride and apolipoprotein-B kinetic in man:
norolipemic subjects, familial hypertriglyceridemia and
familial combined hyperlipidemia. Metabolism, 30: 865;
(1981).

**Kjaer, A.; Lebech, A.; Borggaard, B.; Refn, H.; Pedersen, L.;
Schierup, L. and Bremmelgaard, A. :**

Metabolism and coagulation of two contraceptives:
correlation to serum concentrations of levonorgestrel
and gestoden. Contraception. 40 (6): 665-673; (1989).

Kremer, J.; Debruin, H.W. and Hindricks, F.R. :

Serum HDL-c levels in women using a contraceptive injection of DMPA. Contraception 22: 359-367; (1980).

Kuusi, T.; Nikkila, E.; Tikkanen, M. and Sipinen :

Effects of two progestogen with different androgenic properties on hepatic endothelial lipase and HDL-c. Atherosclerosis. 54: 251-262; (1985).

Larsson-Cohn, U.; Berlin, R. and Vikray, D. :

Effects of combined and low dose of estrogen oral contraceptives on plasma lipids including individual phospholipids. Acta endocrinol 63: 717-735; (1970).

Larsson-Cohn, U.; Wallentin and Zadar :

Plasma lipids, and HDL-c, during OCs with different combination of EE and levonorgestrel. Hormone-metabolism Res. 11: 437; (1979).

Larsson-Cohn, U.; Wynn, V. and Fotherby, K. :

Serum lipids in chinese patients using OCs pills. Contraception 41 (1): 55-61; (1990).

Lasert, W.; Casals-Stenjel, J. and Buse, M. :

Progesterone with antimeneralcorticoids activity
Arzneimittelfars chung, 35 (1) 2: 459-467; (1985).

Lewis, B. :

The lipoproteins, predectors, protectors, pathogens.
Brit. Med. J. (Clin. rese) 287: 1161-1164; (1983).

Liew, D.F.; Ng, C.S. and Yong, Y.M. :

Long term effects of Depo-provera on carbohydrate and lipid metabolism. Contraception, 31: 51-64; (1985).

Li-Ju Weng :

A prospective study of low dose OCs on metabolic side effects. Contraception, 43 (3): 263-271; (1991).

Lipid Research Clinics Program :

The lipid research clinics, primary prevention, trial and results: reduction in incidence of coronary heart disease. Amer. J. 251: 351-364; (1984).

Lippel, K.; Ahamed, S. and Bacharik, P.S. :

Triglyceride analysis. Clin. Chem. 25: 880; (1979).

Lipson, A.; Stoy, D.B.; Larasa, J.C.; Muesing, R.A.; Cleary, P.A.; Miller, V.T.; Gilbert, P.R. and Stadel, B. :

Progestin and oral contraceptive induced lipoprotein changes: a prospective study. Contraception. 34: 121-134; (1986).

Macnaughton, M.C. :

Hormonal contraception: Development and mode of action. Handbook of family planning P. 40 (1985).

Mann, J.I. :

Oral contraceptives and myocardial infarction in younger women. Research frontiers in fertility regulation. 15: 129; (1980).

März, W.; Gross, W. and Gohn, G. :

Comparison of two low-dose contraceptives. Amer. J. Obstetric Gynaecology 10: 287-293; (1985).

März, W.; Jung-Hoffmann, C.; Heidt, F.; Gross, W. and Kuhl, H. :

Changes in lipid metabolism during 12 months of treatment with two OCs containing 30 µg EE and 75 µg Gestoden or 150 µg desogestrel. In contraception. 41 (3): 245-257; (1990).

Mayes, P.A; Murray, R.; Granorer, D. and Rodwell, V. :

Cholesterol synthesis transport and excretion Eds:
Harper's Biochemistry, 21st ed. Appleton and Longe,
Colifornia P. 241-252; (1988).

Mayes Peter, A. :

Lipid of physiologic significance. In Harperes Biochemis-
try twenty second edition P. 134-143; (1991).

McEwan, J. :

Hormonal methods of contraception and their adverse
effects. In progress in obstetric Gynae. Vol. 5, Ed.
Study J. PP Churchill Livingstone P. 259; (1985).

**Mead, T.W.; Chakarabarti, R.; Hanies, A.P.; Hawarth, D.J.;
Jorth, W.R. and Stirling, Y. :**

Hemostatic, lipid and blood pressure profiles of women
on OCs containing 50 μ g or 30 μ g estrogen Lancet 1: 948-
951; (1977).

Mead, T.W.; Greenberg, G. and Thompson, S.G. :

Progestogen and cardiovascular reactions associated with
OCs and comparison of safety of 50 and 30 μ g estrogen
preparations. Brit. Med. J. 1: 1157-1161; (1980).

Meyers, J.S. :

Regulation of cereberal hemodynamic in health and
disease. Eur. Neural. 22: 5-47; (1983).

Mgant, N.B. :

Hormones and lipids. In scientific foundations of
obstetric and Gynae. 3rd edition. 409-417; (1986).

Miller, G.J. and Miller, N.E.:

Plasma high density lipoprotein concentration and
development of ischemic heart disease. Lancet 1: 16-19;
(1975).

Mischkel, M.A. :

Lipid metabolism and the contraceptive pill. Brit. J. Family Planning. Suppl. 12: 31-44; (1987).

Morrisett, Jackson and Gotto :

Lipoprotein structure. Ann. Rev. Bio. 44-148; (1975).

National Academy of Sciences :

Rapid population growth. Johns Hopkins Press, Baltimore (1971).

Nilson, E.; Carfinkel, A.S. and Schotz, M. :

Lipolytic enzyme and plasma lipoprotein metabolism. Ann. Rev. Biochem. 49: 668; (1980).

Oliver, M.F. :

Steroid hormones and lipids. Brit. Med. J. 4:253; (1974).

Oster, P.; Arab, L.; Kohlmeir, M.; Mordasini, R.; Schellen Berg, B. and Schlierf, G. :

Effects of estrogens and progestogens on lipid metabolism. Amer. J. Obstet. Gynec. 142: 773; (1982).

Parizkova, J. :

Sex difference in body fat. Ann. N.Y. Acad. Sci., 110: 661; (1963).

Patsch, W.; Osthund, R. and Kuisk, J. :

Characterization of lipoproteins in kindred with familial hypercholesterolemia. J. Lipid. Res. 23:1196; (1982).

Peter, A.; David, V.; Vrowan, L. and Victor, W. :

Female sex hormones. Harper's review of biochem., Published by long medical publication 19th ed. P. 195; (1983).

Piotrow, P.T. and Lee, G.M. :

Oral contraceptive 50 million users population reports, series A, oral contraceptives A-1-A-26 (1974).

Piper, J.M. and Kennedy, D.I. :

Oral contraceptives in the united states: trends in content and potency. Int. J. epidemiol. 16: 215-221; (1987).

Pyorala, K.; Pyorala, T. and Weintraub, D. :

In the proceedings of VI annual meeting of the scandinavian society for the study of diabetes held in San Defjord, April 15-17; (1971).

Rabe, T.; Grunwald, K. and Runnebaum, O. :

Oral hormone and lipid metabolism. In female contraception : up date and trends Springer-Verlag, Berlin PP. 64-90; (1988).

Refn, H.; Kjaea, A.; Lebech, A.M.; Borggaard, B. and Schierup, L. :

Clinical and hormonal effects of two contraceptives correlation to serum concentrations of gestoden and levonorgestrel. Contraception submitted (1989).

Rifkind, B.R. and Segal, P. :

Lipid research clinic program, reference values for hyperlipidemia and hypolipidemia. Jama, 250: 1869-1872; (1983).

Robinson, R.W. and Lebeau, R.J. :

Effect of sex hormones on lipid metabolism. J. atherosclerosis Res. 5: 120; (1965).

Robinson, W.L. and Nilson, G.J. :

Handling, extraction and storage of blood samples biochem., Biophysics. Acta. 175: 448; (1969).

Ronald, T.; Burkman, Howard, A.; Zacur, Allyn, W.; Kimball, Peter Kwiterovich and William, R. :

Oral contraceptives and lipids and lipoproteins: part II-relationship to plasma steroid levels and outer status. Contraception. 40 (6): 675-689; (1989).

Royal College of General Practitioners :

Oral contraceptives study: mortality among contraceptive users. Lancet 1: 727-733; (1977,a).

Royal College of General Practitioners :

Effects on hypertension and benign breast disease of progestogen component in combined OCs. Lancet 19: 624-632; (1977,b).

Royal College of General Practitioners :

Oral contraceptive study, further analysis of mortality in oral contraceptive users. Lancet 1: 541-546; (1981).

Runnebaum, B.; Robe, T. and Kiessel :

Trends in hormonal contraception. In female contraception up date and trends Springer Verlag, Berlin PP. 107-121; (1988).

Russ, E.M.; Eder, H.A. and Barr, D.P. :

Steroid hormones and lipids. Amer. J. Med. 19: 4; (1955).

Sachs, B.; Wolfman, L. and Herjig, N. :

Serum lipids after once-a-month pill Obstet. Gynaec. 34: 530-542; (1969).

Sadik, W.; Kovacs, L.; Pretnar-Paravvec, A.; Mateo, O.; Toddywalla, V.S.; Dhall, G.L.; Ng, C.S. and Halck's :

A randomized double blind study of the effects of two low dose COCs on biochemical aspects. Contraception 32: 223-236; (1985).

Saleh, A.A.; Raoof, A.A. and Hamza, A. :

Effects of low and high dose contraceptive pills on serum lipids and lipoproteins. Al-Azhar Med. J. 15 (4): 383; (1986).

Schaefer, E.J.; Eisenberg, S. and Levy, R.I. :

Lipoprotein apoprotein metabolism. J. of lipid Res. 19: 667; (1978).

Schaefer, E.J.; Fuster, D.M.; Zech, L.A.; Lindgren, F.T.; Brewer, H.B. and Levy, R.I. :

The effects of estrogen administration on plasma lipoprotein metabolism in premenopausal females. J. Clinical endocrinol metabolism. 57: 262-267; (1983).

Seidel, D.; Creemer, P. and Thiery, J. :

Plasma lipoprotein and atherosclerosis 11 lipoprotein diagnostic therapy. oler fettstoffwechselstorungen. Int. Welt. 8: 159-165; (1985).

Shaarawy, M.; Abul-Ghar, M.; Hussein, M.; Khamis, M. and El-Sadek, M. :

Total and fractionated serum lipids before, during and after use of norgestrel. Med. J. Cairo University. 50: 87-93; (1982).

Shahman Ech, M.; Bolton, C.H.; Fineley, R.C.L. and Hartog, M.:

Metabolic effects of estrogen treatment in patients with carcinoma of prostate. Brit. Med. J. 2: 512; (1973).

Sherman, R.P. :

Oral contraceptive agents. Medical Journal of Australia. 144: 201-205; (1986).

Shirai, K.; Barnhart, A.L. and Jackson, R.L. :

Hydrolysis of human plasma HDL-c phospholipids and triglyceride by hepatic lipase. Biochem. Biophys. Res. Comm. 100: 591; (1981).

Skouby, S.O.; Wagner, H.H. and Andersen, O. :

The short term effects of low dose OCs on glucose metabolism, plasma lipids and blood clotting factors. Contraception, 28 (5): 489; (1983).

Smith, Pownoll and Gotto :

The plasma lipoproteins structure and metabolism. Ann. Rev. Bioche., 47: 751; (1978).

Smith, R.P. and Szto, R. :

Metabolic effects of two triphasic formulations containing EE and norgestrel. Contraception, 28: 189-199; (1983).

Sondheimer, S. :

Metabolic effects of the birth control pill. Clinical Obstet. and Gynae. 24(3): 927-940; (1981).

Spellacy, W.N.; Buhi, W.C. and Briks, A. :

Sex hormones and lipid profiles, Fertil. Steril. 27: 900; (1974).

Spellacy, W.N.; Buhi, W.C. and Birk, S.A. :

The effects of norgestrel on carbohydrate and lipid metabolism over one year. Ann. J. Obstet. Gynae. 125: 984-986; (1976).

Speroff, L.; Gloss, R.H. and Kase, N.C. :

Steroid contraception. Clinical gynecologic endocrinology and infertility third edition PP. William and Wilkins, Baltimore/London, P. 409; (1983).

Speroff, L.; Gfoss, R.H. and Kase, N.G. :

Clinical gynecologic endocrinology and infertility 4th editions Chapter 15: 461; (1989).

Stamler, J.; Wentworth, D. and Neaton, J.D. :

Is relation between serum TC and risk of premature death from C.H.D. continuous and graded? Jama 256:2823; (1986).

Stein, E.A. :

Lipids, lipoproteins and apolipoproteins. In: Fundamentals of clinical chemistry, 3rd ed. Edited by: Tietz N.W.W.B. Saunders Company, Philadelphia PP. 448-481; (1987).

Stokes, D.J.; Wynn, V. and Roberston, G.

Sex hormones effects on serum lipids. Lipid 1: 336; (1966).

Stokes, T. and Wynn, V. :

Study on the effect of mestranol and EE. on lipid metabolism. Lancet 11: 677-682; (1971).

Stössed, J.P. :

Atherosclerosis. Wie Entsteht Med. Klin. 75: 2-12; (1980).

Svanborg, A. and Wikrat, O. :

The effect of estradiol and progesterone on plasma lipids in oophorectomized women. Acta. Med. Scand, 179: 615-621; (1966).

Tacchi, D.A. :

Up date on hormonal contraceptive. Recent advances in obstetric and gynaecology edited by John Bonsor, Edinb. London, Melbourne and New York (1990).

Taymor, C.M. and Thompson, E.L. (1975):

In "progress in gynecology". Vol. 6: 65-73, London Grune and Stratton.

Teran, A.Z.; Greenblott, R.B. and Chaddhats :

Changes in lipoproteins with various sex steroids.
Obstet. Gynae. Clin. North. Am. 14: 107-119; (1987).

The Egyptian Fertility Care Society :

New French OCS pill, the Med. Egyptian fertility care
society P. 20 (1984).

**Tietz, N.W.; Aldrich, J.; Bhagavan, N.N.; Cainer, D.; Conn,
R.B.; Kowalczyk, R.S.; Fehman, H.P.; Pruden, E.L. and
Whitley, R.J. :**

Fundamentals of Clin. Chem. 3rd. ed. W.B. Saunders,
Company, Philadelphia, London Toronto Ch. 14-469; (1987).

Tiffany, T.O.; Morton, J.M.; Hall, M.C. and Corrett, A.S.:

Clinical evaluation of kinetic enzymatic fixed time and
integral analysis of serum triglyceride. Clin. Chem.,
20: 476-481; (1974).

Tikkanen, M.J.; Nikkila, E.A.; Kuusi, T. and Sipines, S.:

Different effects of two progestins on plasma high
density lipoprotein (HDL-c) and postheparin plasma
hepatic lipase activity. Atherosclerosis 40: 365-369;
(1981).

Van Der Vange, N.; Kloosterbare, H.J. and Haspels, A. :

Effects of seven low dose COCs preparations on
carbohydrate metabolism. Am. J. Obstet, Gynae. 156: 918-
922; (1987).

Van-Gent, C.M. and Van Dervoort, M. :

Reduced HDL-c in women 40-41 using OCS. Lancet 2: 1121-
1123; (1978).

Varely, H.; Gawenlack, H.A. and Bell, M. :

Practical Clin. Biochem. 5th ed William Heinemann
medical Books Ltd. London 1: 632; (1980).

Virgina, G. :

Lipids cardiovascular diseases and OCs. In fertility and sterility 53 (1): 10; (1990).

Waites, G.M. :

Regulation of male fertility. In female contraception and male fertility regulation. P. 255; (1991).

Wautersz, T.B.; Butiler, A.J.; Cohn, M.; Korbor, D. and Conovan, R.C. :

A low dose triphasic OCs. Fertil, Steril. 47: 425-430; (1987).

Widholm, O.; Timonen, S.; Vartiainen, E. and Procope :

Effect of natural estrogen on serum lipids. Brit. J. (1976).

William, F.; Raylurm and Frederick, R. :

Drug thearapy in obstet and gynae., Second edit. PP.285-315; (1986).

Woolf, N. :

The pathogenesis of atherosclerosis in anthony. PP. and Woolf N. (eds): Recent advances in histopathology, Number 10. Churchil Livingstone New York PP. 45-76; (1978).

Wynn, V.; Doar, J.W.H.; Mills, G.L. and Stakes, T. :

Natural hormones and serum lipids. Lancet, 11: 756; (1967).

Yeshurun, D.; Barak, C. and Blumensohu, R. :

Triglycerides and high density lipoprotein cholesterol levels in women using low dose contraceptive pills and a control group. Gynecol. Obstet. Invest. 18: 169; (1984).

Younis, N. and Abdel Moneim, S. :

Male contraception. In infertility and contraception
P. 166-175; (1989).

Zadar, C. :

Triphasic oral contraceptive. Contraceptive delivery
system. 4 (4): 465; (1983).

Ziliva, J.F. and Pannall, P.R. :

Clinic. Chem. In diagnosis and treatment 4th ed. Hayd-
luke (medical books) LTD, London Ch. 332 (1984).