

crispprd 1.0



Abstract

Grant Number: 1F31NR007564-01A1

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PI Title:

Project Title: Effect of Hormone Therapy and Raloxifene on Serum Lipids

Abstract: *This is a prospective, randomized, double-blinded clinical trial designed to compare the short-term effect of Raloxifene or Hormone Replacement Therapy (HRT) on serum lipids and lipoproteins of dyslipidemic postmenopausal women over time. Subjects will be randomized to receive either raloxifene 60 mg/d or conjugated equine estrogen 0.625 mg plus consecutive medroxyprogesterone acetate 2.5 mg/day (HRT). Serum lipoprotein(a), low-density lipoproteins, high-density lipoproteins, total cholesterol and triglycerides will be obtained at baseline, 3 months, and 6 months. The beneficial short-term effects of HRT on lipids and lipoproteins of dyslipidemic women has been established via clinical trials; however, the potential adverse effects of breast and endometrial cancer, hot flashes, and vaginal bleeding have been reported. Raloxifene is a selective estrogen receptor modulator that has estrogen-agonist effect on bone and estrogen antagonist effects on breast and uterus. Short term trials have demonstrated raloxifene reduces LDL and Lp(a) in healthy postmenopausal women with normal lipid panels. This study will add to the scientific body of evidence regarding raloxifene as a potential primary prevention alternative for dyslipidemic postmenopausal women.*

Thesaurus Terms:

blood lipid, estrogen, hormone therapy, human therapy evaluation, hyperlipidemia, postmenopause, raloxifene

blood lipoprotein, clinical trial, high density lipoprotein, low density lipoprotein, medroxyprogesterone, metabolism disorder chemotherapy

clinical research, female, human subject, women's health

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Fiscal Year: 2001

Department: LEARNING RESOURCE CENTER

Project Start: 29-MAR-2001

Project End:

ICD: NATIONAL INSTITUTE OF NURSING RESEARCH

IRG: NRRC

