

**Queen Charlotte's & Chelsea Hospital and Chelsea & Westminster Hospital
& IRDB, Imperial College London**

West London Menopause & PMS Centre

Director: Nick Panay

Clinical and Translational Research Portfolio

Feb 2001 – Dec 2006

Research Team:

Principal Investigator:

Mr Nick Panay

Research Fellows:

Dr Chun Ng

Dr Etienne Horner

Research Nurse

Mrs Alison Cahill

Nutrition Adviser

Mr Nigel Denby

Psychologist

Mrs Dani Singer

Clinical Nurse Specialist

Mrs Cheryl Rothon

Menopause & PMS

1. The use of red clover (phytoestrogen) for the treatment of premenstrual syndrome (national multicentre) and the perimenopause (single centre).

Studies funded by Novogen Pharmaceuticals

2. Vascular compliance and left ventricular function with HRT and testosterone (joint projects with Care of the Elderly vascular unit Prof Bulpitt / Dr Rajkumar / Chun Ng).

Six month study with Kliovance (Novo Nordisk) & 6 month study with Fem Seven Sequi (Merck)

Work leading towards MD Thesis for Dr Ng and Dr Etienne Horner

3. The endometrial and breast safety of tibolone (THEBES)

Multicentre international study funded by Organon Laboratories

4. The Southampton Women's Survey (Barker study) of prevalence of severe PMS.

Collaboration with Carrie Sadler GP Tutor

5. Impact of Alarmist Media on HRT Use in women with Premature Menopause – Questionnaire Survey

Free Communication at ESHRE Berlin 2004

6. Prospective Randomised Cross Over Pilot Study on the effect of Static Magnets (Bioflow) for Pelvic Pain and PMS

Collaboration with Adroit

7. Comparison of Continuous Combined Oestrogen Progestin Regimens in alleviation of Oestrogen deficiency symptoms of postmenopausal women – a randomised double blind multicentre phase IIIb study

Sponsored by Orion Pharmaceuticals

8. A six month double blind randomised parallel-group placebo controlled multicentre trial to investigate the efficacy and safety of two ultra low dose combinations of 0.5mg with 0.1mg or 0.25mg norethisterone acetate for treatment of menopausal symptoms.

Sponsored by Novo Nordisk Pharmaceuticals (Presented recently at IMS Buenos Aires)

9. A randomised double blind parallel group multicentre 12 month study to evaluate the efficacy and safety of a transdermal testosterone patch in menopausal women with low libido not receiving systemic estrogen or estrogen progestin therapy

Sponsored by Procter & Gamble Pharmaceuticals

10. A multicenter randomized, double blind, placebo and active controlled study of DVS-233 SR for treatment of vasomotor symptoms associated with menopause

Sponsored by Wyeth Pharmaceuticals

11. A multicenter randomized double blind placebo controlled study of a combination of levonorgestrel and ethinylestradiol in a continuous daily regimen in subjects with premenstrual dysphoric disorder. Principle Investigator

Sponsored by Wyeth Pharmaceuticals

Studies in pipeline

1. Provamel – soy & cardiovascular disease in menopause

Sponsored by Alpro

2. A Randomized, Double-Blind, Placebo-Controlled, Parallel-group, Multicentre, 24-Week Study to Evaluate the Efficacy and Safety of Transdermal Testosterone (300 mcg/day) in Naturally Menopausal Women with Hypoactive Sexual Desire Disorder Receiving Systemic Transdermal Estrogen Therapy

Principal Investigator : Sponsored by Proctor and Gamble

3. A Phase 3, Double-Blind, Randomized, Placebo-Controlled Study of ERB-041 in the Reduction of Symptoms Associated with Endometriosis

Wyeth Sponsored Study

4. A 12 week multi-centre, open label, non interventional study to investigate the correlation between Vaginal pH and atrophic vaginitis symptoms in postmenopausal women treated with Vagifem®

Principal Investigator: Novo Nordisk sponsored study

Hysteroscopy Study

1. The use of misoprostol in nulliparous women prior to outpatient hysteroscopy –commenced.

BUPA Foundation Grant – Medical Research Charity Award (with Dr Brianna Cloke)

Endometrial Studies (translational work with IRDB)

1. The expression of MUC 1 protein & MMPs in women with breakthrough bleeding using progestogenic contraception

IRDB project for MFFP with John White / Mark Sullivan

2. The effect of exogenous androgens on the endometrium in women with premature ovarian failure

IRDB collaborative project with Prof Jan Brosens and Dr Brianna Cloke

Collaborative Inter-departmental Studies

1)MRI studies of periurethral fascia in HRT v non HRT users in stress incontinence – collaboration with radiology department HHNT

2)Implantable Contraceptives in women with pulmonary hypertension – collaboration with Dr Simon Gibbs National Pulmonary Hypertension Centre HHNT/Imperial

A consensus statement has been published optimising the management of these young women with complex medical problems seeking contraception..

3)Genomics of Diabetes and Obesity – collaboration with Prof Steven Bloom HHNT/Imperial

4)Management of Premature Ovarian Failure – collaboration with reproductive medicine / gynae oncology and haematology

Database of > 200 women with iatrogenic and spontaneous POF. >50% of women on this database are referred from the oncology and haematology services from both Hammersmith and the Marsden – collaboration with Geoff Trew / Jane Apperley / Alex Taylor / Hani Gabra.

The database will be used to help develop regional (and in the future national) management for these patients with unique needs.

5)Osteoporosis in long term GnRH analogue users – collaboration with Liz Lightstone, Renal Medicine.