

**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.