

## DIANA EDWARDS

MB. Ch.B., FRCOG., FRNZCOG.

My hometown is Christchurch.

I am married with three children - two daughters and a son.

Both daughters are medical specialists. I was an undergraduate at Canterbury College and Otago Universities.

### AWARDS

Canterbury College Blue for Basketball - member of the University and Canterbury Provincial basketball team.

New Zealand University Blue for Hockey - Captain of the Otago University team and the Otago Provincial team

Member of the University Ski team.

I am a registered specialist in Obstetrics and Gynaecology, and a fellow of the Royal New Zealand College of Obstetricians and Gynaecologists.

I was awarded the fellowship of the Royal College of Obstetricians and Gynaecologists ( U.K. ) in 1975.

### PRESENT APPOINTMENTS

I am currently employed as CLINICAL DIRECTOR, TERMINATION OF PREGNANCY SERVICES, and as a SURGEON at LYNDHURST HOSPITAL.

I am a member of the Scientific Committee of the Medical Women's International Association.

President of the Christchurch Branch Medical Women's Association.

Trustee of the Family Planning Research Trust.



## IMMEDIATE PAST APPOINTMENTS

CHAIRPERSON ADVISORY COMMITTEE ON WOMEN'S HEALTH  
- Advisory to the Minister of Health.

MEDICAL DIRECTOR FAMILY PLANNING ASSOCIATION  
- Christchurch Branch.

SENIOR STAFF PHYSICIAN  
- Waterford Psychiatric Hospital, Newfoundland, Canada.

RESEARCH APPOINTMENT to the Department of Community  
Medicine, Memorial University, Newfoundland, Canada.

I was appointed to undertake research in to the medical problems  
of the indigenous people living in the Canadian North ( Arctic ).  
I presented my results at a conference and published a book  
'The Challenge of Northern Medicine' 1976.

MEMORIAL UNIVERSITY REPRESENTATIVE at a meeting of all  
Canadian universities with interests in the North (Arctic Canada).  
Held on the shore of Hudson Bay, at Churchill.

## APPOINTMENTS PRIOR TO THIS

ISLE OF WIGHT, U.K. 1965 - 1975

Assistant Obstetrician and Gynaecologist, Isle of Wight Group of  
Hospitals.

Wessex Regional Hospital Board, Part Time ( Outpatients  
Operating List and Obstetrics ).

Director of Family Planning Services on the Isle of Wight.

Member of the Whitley Council 'C' - a national negotiating  
committee for the medical profession, U.K.

Wessex doctors' representative on the National Council of Family  
Planning Association.

NIGERIA, 1962 - 1963

Obstetrician and Gynaecologist, Adeoyo Hospital, Nigeria.

Reg. and H.Off. Appointments in DUNEDIN, MELBOURNE, and  
LONDON.



## PROJECTS

A BUSINESS PLAN for Lyndhurst Hospital 1992 - 1997

A QUALITY ASSURANCE PROGRAMME for Lyndhurst 1991.  
A continuing programme involves Clerical, Counselling, Nursing and Medical staff. Regular reviews of complications and updating of protocols. Regular consumer surveys of inpatients, outpatients, and referring doctors. ACCREDITATION for Lyndhurst obtained for 3 years from 1995.

FAMILY PLANNING - developed a formal TRAINING PROGRAMME FOR PRACTICE NURSES to do pelvic examinations and to take cervical smears 1988.

Trained the FAMILY PLANNING CLINIC NURSES to do pelvic examinations and to take smears 1984.

MARCH 1984 - Introduced to New Zealand, SCREENING FOR CHLAMYDIA INFECTION OF THE CERVIX at Christchurch Family Planning Clinic - the first centre in New Zealand to start screening for this sexually transmitted infection, March 1984. Results were published in 1985 and 1987.

Presented a paper at the Venereology Conference, Christchurch 1985. Five papers were presented by Christchurch clinic staff at this conference and four of these were later published. The incidence of Chlamydia infection among women in Christchurch in 1984 was 12.2% when we started screening. This fell to 10%, 1985, 10% 1986, 8% 1987 and 4% for the first six months 1988 - I have not followed it since.

Presented a paper on CHLAMYDIA at the 12th International Congress of O & G in Singapore 1986.



PROJECTS contd.

MEMORIAL UNIVERSITY, Newfoundland, Canada. 1977.

I was responsible for identifying the HEALTH NEEDS AND CONCERNS OF THE INHABITANTS OF THE CANADIAN NORTH ( Arctic ). The people were mainly Inuit and North American Indians. This was a fascinating appointment and involved the whole range of medical practice in addition the problems of disposing of sewage and other pollutants in permafrost. As hunters and fishermen inhabitants were especially subject to the diseases and illnesses associated with both animals and fish. The hostile climate caused specific health disorders and exacerbated others. Published a book 1977.

ALCHOLISM and SEXUALLY TRANSMITTED DISEASES were a major concern among those isolated communities and I published a paper on the FETAL ALCOHOL SYNDROME 1977, and one chapter of the book was devoted to sexually transmitted infections.

ISLE OF WIGHT, U.K. - I started a WELL WOMAN'S CLINIC AND CERVICAL SCREENING PROGRAMME 1967 and published my gynaecological findings from examining 3000 women in the British Medical Journal 1974.

I trained the Family Planning nursed to do pelvic examinations, take smears and to fit IUCD's.

Organisation of a NATIONAL CONFERENCE U.K., 1973

For the Certificate of Contraception of the Royal Colleges of Obstetricians and Gynaecologists and of General Practitioners. COURSE No. 1 - Attended by over 150 doctors from all over the U.K.



## PRESENTATIONS

Presented a paper on Providing a Termination of Pregnancy Service to a meeting of General Practitioners, AKAROA 1997.

Chaired a meeting and presented a paper on Contraception and Abortion at the Medical Women's International Meeting at the HAGUE July 1995.

Attended the Abortion Providers' Inaugural Conference, WELLINGTON 1995. Presented a paper on Misoprostol and took part in a panel discussion.

Presented a paper on Termination of Pregnancy under Local Anaesthetic and took part in a panel discussion at the Abortion Providers' Conference SYDNEY 1995.

A presentation on Medical Termination of Pregnancy with RU486 Medical and Legal Aspects, SOUTH ISLAND COUNSELLORS CONFERENCE 1993.

A presentation on behalf of the Medical Women's Association on: RATIONING OF HEALTH CARE, to Simon Upton, Minister of Health, June 1991 - before the publication of the Green and White Book.

On CARCINOMA-IN-SITU OF THE CERVIX in young women. At the New Zealand Obstetrical and Gynaecological Conference, QUEENSTOWN 1991.

On CERVICAL SCREENING at the Medical Women's Pacific Regional Conference, BRISBANE, AUSTRALIA 1990.

On CHLAMYDIA INFECTION OF THE CERVIX at the Medical Women's International meeting in SEOUL, KOREA 1989.

A paper on CHLAMYDIA INFECTION AT A FAMILY PLANNING CLINIC at the XI International Congress in Obstetrics and Gynaecology, SINGAPORE 1988.



## PUBLICATIONS

GYNAECOLOGICAL FINDINGS AT A CYTOLOGY CLINIC  
British Medical Journal 1974.

FAMILY PLANNING CLINIC RUN BY NURSES WITH THE  
DOCTOR AS CONSULTANT  
British Journal Family Planning 1976.

THE CHALLENGE OF NORTHERN MEDICINE  
Published as a book at Memorial University and presented at a  
National Canadian Conference in Cornerbrook 1974.

ALCOHOL AND THE FETUS  
Oxford University Gazette Vol.XXX1 1980.

CHLAMYDIA TRACHOMATIS INFECTION AT A FAMILY  
PLANNING CLINIC  
New Zealand Medical Journal, ( Co-author ) May 1985.

RISK FACTORS FOR CHLAMYDIA TRACHOMATIS INFECTION  
OF THE CERVIX  
New Zealand Medical Journal, ( Co-author ), Vol. 100, July 1987.

RISK FACTORS FOR CHLAMYDIA INFECTION OF THE CERVIX  
AND POSSIBLE INTERACTIONS WITH HIV AT FAMILY  
PLANNING CLINICS  
Journal World Federation, Contraception and Health, November  
1987.

INCREASED INCIDENCE OF CERVICAL INTRAEPITHELIAL  
NEOPLASIA GRADE 3 AND HPV INFECTION AT A FAMILY  
PLANNING CLINIC  
New Zealand Medical Journal, ( Co-author ), October 1987.

ETHYNYL OESTRADIOL AND D-NORGESTREL - AN EFFECTIVE  
EMERGENCY POST-COITAL CONTRACEPTIVE  
Australia and New Zealand Journal, Obstetrics and Gynaecology.  
( Co-author ) 1988.

PREDILATION OF THE CERVIX BEFORE SUCTION CURETTAGE  
FOR THERAPEUTIC ABORTION IN EARLY PREGNANCY  
Australia and New Zealand Journal, Obstetrics and Gynaecology,  
( Co-author ) 1994.

TERMINATION OF PREGNANCY  
Primary Health Care, New Zealand, 1996.



**DIANA EDWARDS. Married. New Zealand and Canadian citizenship.  
3 children & 6 grandchildren.  
Qualifications: MB.Ch.B., DRCOG. MRCOG. FRCOG. FRNZCOG. FACSH.**

### **Undergraduate Training**

Canterbury College & Otago University

MB.Ch.B. 1948

Canterbury Blue for basketball and an NZU Blue for Hockey. I played basketball in the Canterbury Provincial team and was Captain of the University Hockey team and Captain of the Otago Provincial team. Member of the Otago University Ski team.

### **Junior, Senior and Registrar Appointments**

Dunedin Hospital, The Royal Melbourne Hospital and London Hospitals which included St Alfege's hospital & the obstetric flying squad.

### **Marriage, Children and part-time work London/Surrey UK 1955-1962**

Community Clinics for the Local Authority and **Family Planning Clinics** all we had was a great assortment of caps and condom – clinics were held in church halls, theatres with basins of green soap balanced on stacked chairs. We were only allowed to see married or engaged women. I obtained the FP Certificate and the FP Instructors certificate and the MRCOG.

### **Obstetrician and Gynaecologist Adeoyo Hospital Ibadan Nigeria. 1962 – 1963**

A unique experience

### **Obstetrician and Gynaecologist & Medical Director Family Planning Services Isle of Wight. 1965 - 1975**

We started with one clinic at Newport and developed five more. The "pill" arrived and the General Practitioners started taking an interest. We held training sessions for them. I organised the first course in the country for the Joint Colleges Certificate of Contraception – course No.1 it was attended by over 150 GPs from all over the UK. I trained the nurses to fit IUCD's and take smears. I with other women on the island raised money to train our own volunteer to read smears and we started a "well woman's" clinic staffed by volunteers nearly all from the FP clinics. The results of the examination of the first 3000 women I published in the BMJ in 1974.

### **St. John's Newfoundland Canada. 1975 – 1982**

I held a research appointment in the **Department of Community Medicine at Memorial University**. I was appointed to undertake research into the medical problems of the indigenous people living in the Canadian North. (Arctic) I presented my results at a conference and published a book "The Challenge of Northern medicine".



*This was a fascinating appointment which involved the whole range of medical practice in addition to the problems of disposing of sewage and other pollutants in permafrost. As hunters and fishermen the inhabitants were especially subject to the diseases and illnesses associated with both animals and fish. The hostile climate caused specific health disorders and exacerbated others.*

I also represented Memorial University at a meeting of representatives of all the Canadian Universities with interests in the North. Held on the shores of Hudson Bay at Churchill. This appointment was followed by one as a full time **Staff Physician at the Waterford Psychiatric Hospital**. A 450 bed hospital serving the Island of Newfoundland as well as Labrador.

#### **Medical Director Family Planning Clinic Christchurch NZ. 1983 - 1988**

I introduced regular **updating sessions for General Practitioners**.

Trained the **nurses** to do **pelvic examinations & take smears** which was subsequently developed into a formal training program in 1988

I encouraged staff to present papers and five were presented at the venereology conference in Christchurch 1985. Four of these were subsequently published.

**In 1984** I introduced **screening for chlamydia trachomatis** infection, we were the first place in New Zealand to do this.

#### **Appointment to Lyndhurst Hospital 1986 - 2000**

I was appointed as an Operating Surgeon in 1986 when Lyndhurst opened and later became **Clinical Director**. I introduced a **Quality Assurance program in 1991** Involving all the staff, it consisted of regular reviews of complications and updating of protocols, as well as consumer surveys of in patients, outpatients and referring doctors. This enabled us to obtain *accreditation in 1995*.

I introduced the prostaglandin ***misoprostol*** to Lyndhurst in 1991-2, we were the first hospital in the country to use this, there was some controversy about its use at the time but it is now used at all licensed hospitals and has replaced other prostaglandins. Published our experiences with misoprostol in the *Australian and NZ. Journal. of O & G* in 1994. I also presented a paper on its use at the ***Abortion Providers Conference in Wellington 1995***.

#### **Past Appointments Include:**

Chairperson on the Advisory Committee on Women's Health

Member of Whitley Council "C" Committee UK. (a national negotiating committee for the medical profession)

Member of the Scientific Committee of the Medical Women's International Association.

President of the Christchurch Branch of the Medical Women's Association.

A trustee of the Family Planning Research trust.



✓

**El Rafaey** found that 99% of patients with gestations <63 days had complete abortions within 4 hrs of being given vaginal misoprostol. (1994 Contraception 49: 111-114.) Quoted by a **CME Review Article, Obstetrical and Gynaecological Survey Vol. 54 No.9 1999**

*The following reports illustrate the importance of gestational age on the efficacy of medical abortion with mifepristone and misoprostol:*

**A WHO** study (Brit.Jr. Obstet.& Gynae: April 2000.) Compared the efficacy of 200mgms of mifepristone with 600mgms, followed by oral misoprostol. Both regimes were equally effective but women in both groups, with a menstrual delay of four to five weeks, had twice the risk of failure to abort compared to those with only two weeks delay.

**Ashok et al. 1998** found that surgical intervention was significantly higher at gestations >49 days.

**McKinley et al. 1993** (Human reprod. Vol8.No.9 p 1502 – 1505) compared two groups of women with gestations of <63 days, one group was given 600mgms of mifepristone and the other 200mgms both followed by 600mcgms of oral misoprostol. There was no difference between the groups in the number of women who passed the fetus within 4hrs, but the complete abortion rate was significantly higher in women with gestations <49 days (97.5%) compared with women with gestations of 50 – 63 days (89.1%)

**Ulla Knudsen Feb. 2001** (contraception 63. 247-250) Studied 100 women with gestations <56 days. Mifepristone 600mgms was given followed 36 – 48 hrs later, by 400mcgms vaginal misoprostol, self administered, and 2 tabs 400mg paracetamol and 28.7 mgms of oral codeinephosphat. If abortion had not taken place after 3hrs a further 400mcgms of vaginal misoprostol was given. 84 women aborted in the hospital in a median time of 3hrs 30 mins, 9 of these women had the extra misoprostol. Another 9 women aborted before receiving the misoprostol. The overall success rate, defined as termination without the use of evacuation, was 93%. There were no on going pregnancies at 2 week follow-up. It is noteworthy that 6 of the 7 patients who had an evacuation had gestations >49 days. No antiemetic agents were needed, analgesic requirements were minimal and few side effects were recorded.



**Publications and Presentations associated with Family Planning Appointments**

Gynaecological Findings at a Cytology Clinic. **British Medical Journal** 1974

A Family Planning Clinic run by Nurses with the Doctor as Consultant  
**British Journal of Family Planning**. 1976

Chlamydia Trachomatis Infection at a Family Planning Clinic. (co-author)  
**New Zealand Medical Journal** 1987

Risk Factors for Chlamydia Trachomatis Infection of the Cervix. (co-author)  
**New Zealand Medical Journal** 1987

Increased Incidence of CIN 3 and HPV Infection at a Family Planning Clinic.  
**New Zealand Medical Journal** 1987 (co-author)

Ethinyl Oestradiol & D-Norgestrel an Effective Post-coital Contraceptive.  
**Australian and NZ. Journal of Obstetrics and Gynaecology** (co-author) 1988

Chlamydia Infection of the Cervix at a Family Planning clinic.  
X11 International Congress in Obstetrics and Gynaecology. **Singapore. 1988**

Chlamydia Infection of the Cervix.  
Medical Women's International Meeting . **Seoul Korea 1989.**

Chaired a meeting and presented a paper on Contraception & Abortion.  
**The Hague, Holland 1995.**