

## *Maxwell William BRINSMEAD*

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**QUALIFICATIONS:** MB BS (First Class Honours), 1970  
*University of Queensland*

MRCOG 1975  
*London*

PhD (Obstetrics and Gynaecology), 1979  
*University of Auckland*

MRACOG 1979

FRANZCOG (Fellow of the Royal Australian and  
New Zealand College of Obstetricians and  
Gynaecologists)

**MEDICAL DEFENCE:** Avant Mutual Group Ltd and AMIL

**CURRENT APPOINTMENTS:** *Conjoint Senior Lecturer, Coffs Harbour Rural  
School of Medicine (The University of New South  
Wales)*

*Honorary Obstetrician and Gynaecologist  
Coffs Harbour Health Campus*

*Surgical Assistant Baringa Private Hospital, Coffs  
Harbour*

**PREVIOUS  
APPOINTMENTS:** 2008 - 2011 *Visiting Lecturer  
Port Moresby Medical School  
Papua New Guinea*

2000 – 2012 *Consultant Obstetrician and Gynaecologist  
Baringa Private Hospital, Coffs Harbour*

2007-2008 *Locum Associate Specialist  
Noble's Hospital  
Isle of Man, United Kingdom*

2000-2006 *VMO Obstetrician & Gynaecologist Mid North  
Coast NSW Area Health Service*

*Accredited Associate Sydney IVF*

- Senior Lecturer* University of New South Wales,  
Coffs Harbour Rural Clinical School
- 1999 - 2000 *Visiting Consultant*, Sheffield Fertility Centre, UK
- 1991 – 2000 *Director of Obstetrics*, John Hunter Hospital and  
*Clinical Associate Professor in Obstetrics & Gynaecology* University of Newcastle
- 1995 – 1999 *Associate Medical Director*, Lingard Fertility Centre
- 1991 -1994 *Medical Director*, Lingard Fertility Centre
- 1981 - 1990 *Senior Lecturer in Reproductive Medicine*, Faculty of Medicine, The University of Newcastle.
- 1979 & 1980 *NH&MRC Senior Research Officer*, Department of Physiology and Pharmacology, *Warden of Clinical Studies*, Department of Obstetrics and Gynaecology, University of Queensland and *Staff Obstetrician and Gynaecologist*, Royal Brisbane Women's Hospital,.
- 1977 & 1978 *Medical Research Council of New Zealand Training Fellow - Postgraduate School of Obstetrics and Gynaecology*, University of Auckland.
- 1975 & 1976 *Overseas Research Registrar Fellow - Auckland Hospital Board*, Auckland, New Zealand.
- 1973 & 1974 *Registrar in Obstetrics and Gynaecology*, Royal Brisbane Women's Hospital, Brisbane, Australia.
- 1971 & 1972 *Resident Medical Officer*, Royal Brisbane Hospital, Brisbane, Australia

**CLINICAL  
EXPERIENCE:**

My principal interests were in maternal fetal medicine and high risk obstetrics. As Senior Lecturer in Reproductive Medicine between 1981 and 1990, I was Visiting Obstetrician and Gynaecologist to three public hospitals in Newcastle. Between the years 1981 and 1987, together with Professor Jeffrey Robinson, I was responsible for all public patients to the Newcastle Mater and Western Suburbs Hospitals (some 1500 deliveries annually).

As a Senior Staff Specialist at the John Hunter Hospital I supervised some 270 public deliveries annually. As a Perinatal Obstetrician I was one of five obstetricians at this Level 3 Unit that accepted high-risk obstetric transfers from a regional population base of some 500,000 and 7,500 deliveries.

I commenced private practice in obstetrics and gynaecology in 1983 and this grew to a 50% activity in 1991. I conducted approximately 200 deliveries personally and performed some 25 major and 200 minor gynaecological operations annually for 17 years.

My interest in infertility commenced when I joined the AID (Artificial Insemination Donor) Clinic of the Royal Newcastle Hospital in 1982. I coordinated the transfer of this clinic to the Lingard Private Hospital in 1985. I was one of three gynaecologists who started IVF at this hospital in August of that year. I personally conducted some 80 - 100 assisted conception cycles per year for 14 years, have experienced in most aspects of infertility practice but I do not perform microsurgery.

At the Sheffield Fertility Centre during 1999-2000 I consolidated my experience in all aspects of assisted reproductive technology (ART) including IVF, ICSI, testicular and epididymal sperm extraction and embryo transfer. During my time at this Centre it had the second highest pregnancy rates from ART in the United Kingdom and the highest pregnancy rate for women >38 years of age.

I maintained a general gynaecology practice with the usual range of abdominal and vaginal approaches. I have attended advanced training courses in laparoscopic surgery and once considered my skills adequate to perform intermediate type procedures including endometrial resection, endoscopic diathermy of mild and moderate pelvic endometriosis, lysis of mild and moderate pelvic adhesions, uterine ventrosuspension, oophorectomy, salpingotomy and salpingectomy for ectopic pregnancy, exploration and enucleation of unilocular ovarian cysts and endometriomas up to 5 cm in diameter and laparoscopically-assisted vaginal hysterectomy in which the dissection does not proceed below the level of the uterine arteries.

My rate of Caesarean section in private practice was 24.7% and for public hospital deliveries it was 21.7%. My rate of induction of labour for private patients was 13.9%, 45% of patients who had undergone a previous Caesarean attempted vaginal delivery and 63% of these were successful. My rate of episiotomy with spontaneous vaginal delivery was 6.3% and rate of assisted delivery was 23.6%. I have used soft cup Mytovac and Kiwi ventouse, Neville Barnes and Kiellands forceps.

At the time of my retirement I was performing about 50 hysterectomies per year, 73% by the vaginal route. I was also performing annually some 200 obstetric ultrasound examinations and 250 ultrasound assessments of the non pregnant female pelvis.

I commenced office ultrasound in the 90's and attended several courses for training. I purchased my first personal machine in 2000 and ended my career using a GE Logic Book XP with colour Doppler. I consider myself competent in the assessment of early pregnancy, placental localisation, fetal growth and amniotic fluid assessment and umbilical artery Dopplers. In gynaecological practice I use ultrasound for evaluation of the endometrium, saline hystero-graphy, ovarian follicle monitoring and the assessment of uterine and adnexal tumours

After my retirement from my Coffs Harbour practice in August 2006 I worked approximately 50% of the time, predominantly as relieving staff specialist in obstetrics and gynaecology in a variety of hospitals. These have ranged from units like Bowral, on the southern tablelands of NSW where the single specialist works directly with midwives and GP's, to the Department of Obstetrics and Gynaecology in Port Moresby General Hospital where 14 registrars in training supervise more than 12,000 deliveries per annum. This unit provides a wide range of experience in emergency gynaecology and obstetrics in a very short period of time.

As surgical assistant at the Baringa Private Hospital I have experience in laparoscopic abdominal surgery (bariatric procedures and cholecystectomy), hernia operations, joint replacements (orthopaedics), radical prostatectomy and spinal disc surgery.

**HEALTH:**

I am a blood and plasma donor  
Smallpox vaccination 1968  
Tetanus vaccination last booster 23.4.2016 Due 2020  
Sabin Oral Polio vaccine last given 14.6.2010 Due 06.2020  
Typhoid vaccination 14.6.2010 Due 06.2013  
Hepatitis A vaccine 14.6.2010 Valid until 06.2020  
Oral Cholera vaccine 14.6.2010 Due 06.2012  
Hepatitis B immune 18.8.2011  
Hep C antibody negative, HIV 1&2 antibody negative, Syphilis serology negative (blood donor)  
Mantoux negative 23.8.2012  
Chest XRay normal and no evidence of exposure to Mycobacterium tuberculosis detected by gamma Interferon response 23.8.2012  
Pertussis booster 29.4.2009  
Varicella, Rubella, Mumps and Measles immune  
Influenza immunised 23.4.16  
MRSA screen negative 18.11.2010

**PAST RESEARCH INTERESTS:**

- The relationship between maternal mood state, parent-infant interaction and the hormonal changes associated with childbirth and the postnatal period.
- The endocrine control of fetal and placental growth.
- The role of insulin-like growth factors in ovarian folliculogenesis.
- Factors that favour conception after artificial insemination or in vitro fertilisation.
- The role of midwives and general practitioners in obstetric practice.
- Smoking cessation in antenatal patients

## REFEREED PUBLICATIONS:

1. Brinsmead MW: Concealed placental abruption in cholestasis of pregnancy. *Australian New Zealand Journal Obstetrics and Gynaecology* 15:114-117, 1975.
2. Brinsmead MW: Complications of amniocentesis. *Medical Journal Australia* 1:379-84, 1976.
3. Gluckman PD and Brinsmead MW: Somatomedin in cord blood: Relationship to gestational age and birth size. *Journal Clinical Endocrinology Metabolism* 43:1378-81, 1976.
4. Brinsmead MW and Liggins GC: The binding of rat liver cell multiplication-stimulating activity (MSA) to human placenta and serum proteins. *Australian Journal Experimental Biology Medical Science* 56(5):527-44, 1978.
5. Brinsmead MW and Liggins GC: A receptor assay for somatomedin-like activity using multiplication-stimulating activity (MSA) as radioligand. *Australian Journal Experimental Biology Medical Science* 56(5):513-25, 1978.
6. Brinsmead MW and Liggins GC: Serum somatomedin activity after hypophysectomy and during parturition in fetal lambs. *Journal Clinical Endocrinology Metabolism* 105(1):297-305, 1979.
7. Brinsmead MW and Liggins GC: Somatomedin-like activity, prolactin, growth hormone and insulin in human cord blood. *Australian New Zealand Journal Obstetrics and Gynaecology* :129-34, 1979.
8. Brinsmead MW Waters MJ and Thorburn GD: Increase in placental lactogen and somatomedins after fetal nephrectomy. *Journal Developmental Physiology* 2:205-18, 1980.
9. Owens PC Brinsmead MW Waters MJ and Thorburn GD: Ontogenic changes in multiplication-stimulating activity binding to tissues and serum somatomedin-like activity in the ovine fetus. *Biochemical Biophysical Research Communications* 96(4):1812-20, 1980.
10. Brinsmead MW Bancroft BJ Thorburn GD and Waters MJ: Fetal and Maternal ovine placental lactogen during hyperglycaemia, hypoglycaemia and fasting. *Journal Endocrinology* 90:337-43, 1981.
11. Brinsmead MW and Thorburn GD: Effect of streptozotocin on foetal lambs in mid-pregnancy. *Australian Journal Biological Science* 35:517-25, 1982.
12. Brinsmead MW Smith R Singh B Lewin T Owens P: Peripartum concentrations of beta endorphin and cortisol and maternal mood states. *Australian New Zealand Journal Obstetrics and Gynaecology* 25:194-7, 1985.
13. Waters MJ Oddy VH McCloghry CE Gluckman PD Duplock Owens PC and Brinsmead MW: An examination of the proposed roles of placental lactogen in the ewe by means of antibody neutralisation. *Journal Endocrinology* 106:377-86, 1985.
14. Carney SL Mitchell KR Brinsmead MW Sanson-Fisher RW Floate DA: The way we teach medical students professional skills. *Medical Teacher* 7(1):37-, 1985.
15. Owens PC Waters MJ Thorburn GD and Brinsmead MW: Insulin-like growth factor receptor in fetal lamb liver: characterisation and developmental changes. *Journal Clinical Endocrinology Metabolism* 117(3):982-90, 1985.
16. Brinsmead MW Guttman S Oliver M Stanger J Clark L and Adler R: Demographic and personality characteristics of couples undergoing in vitro fertilisation. *Clinical Reproduction Fertility* 4:373-81, 1986.
17. Singh B Gilhotra M Smith R Brinsmead MW Lewin T and Hall C: Post-partum psychoses and the dexamethasone suppression test. *Journal Affective Disorders* 11:173-7, 1986.
18. Cheng Smart Y Cox J Roberts TK Brinsmead MW and Burton RC: Differential effects of cigarette smoking on recirculating T lymphocyte subsets in pregnant women. *Journal immunology* 137(1):1-3, 1986.

19. Smith R Owens PC Brinsmead MW Singh B and Hall C: The nonsuppressibility of plasma cortisol persists after pregnancy. *Hormone Metabolic Research* 19:41-2, 1987.
20. Owens PC Smith R Brinsmead MW Hall C Rowley M Hurt D Lovelock M Chan E-C Cubis J and Lewin T: Postnatal disappearance of the pregnancy-associated reduced sensitivity of plasma cortisol to feedback inhibition. *Life Sciences* 41:1745-50, 1987.
21. Brinsmead MW: Fetal and neonatal effects of drugs administered in labour. *Medical Journal Australia* 146:481-6, 1987.
22. Smith R Cubis J Brinsmead M Lewin T Singh B Owens PC Chan E-C Hall C Adler R Lovelock M Hurt D Rowley M and Nolan M: Mood changes, obstetric experience and alterations in plasma cortisol, beta-endorphin and corticotrophin releasing hormone during pregnancy and the puerperium. *Journal Psychosomatic Research* 34:53-69, 1990.
23. Brinsmead M Stanger J Oliver M Shumack J Raymond S and Clark L: A randomised trial of laparoscopy and transvaginal ultrasound directed oocyte pickup for in vitro fertilisation. *Journal In Vitro Fertilisation and Embryo Transfer* 6(3):149, 1989.
24. Clark L Stanger J and Brinsmead M: Prolonged follicle stimulation decreases pregnancy rates after in vitro fertilisation. *Fertility and Sterility* 55(6):1192-94, 1991.
25. Chan EC; Smith R; Lewin T; Brinsmead MW; and others: Plasma corticotropin-releasing hormone, beta-endorphin and cortisol inter-relationships during human pregnancy. Maternal Health Research Centre, University of Newcastle, Australia. *Acta Endocrinology (Copenh)* 1993 Apr;128(4):339-44
26. McLean M; Thompson D; Zhang HP; Brinsmead M and Smith R: Corticotrophin-releasing hormone and beta endorphin in labour. *European Journal Endocrinology* 131(2):167-72, 1994
27. Rowley MJ Hensley MJ Brinsmead MW and Wlodarczyk JH: Continuity of care by a midwife team: a randomised trial. *Medical Journal of Australia* 163:289-293, 1995
28. Walsh RA; Redman S; Brinsmead MW; Arnold B: Smoking cessation in pregnancy: a survey of the medical and nursing directors of public antenatal clinics in Australia. *Aust N Z J Obstet Gynaecol* 1995 May;35(2):144-50
29. Walsh RA; Redman S; Brinsmead MW and Fryer JL: Predictors of smoking in pregnancy and attitude and knowledge of risks of pregnant smokers. *Drug and Alcohol Rev* 16:41-67, 1997.
30. Walsh RA Redman S Brinsmead MW Byrne JM and Melmouth A: A Smoking Cessation Program at a Public Antenatal Clinic. *American Journal of Public Health* 87:1201-04, 1997
31. Walsh RA Redman S Byrne JM, Melmeth A and Brinsmead MW: Process measures in an antenatal smoking cessation trial: another part of the picture. *Health Education Research* 15(4):469-483, 2000.
32. Wellsmore H and Brinsmead MW: A Comparison of Counselling Issues for Heterosexual, Lesbian Couples and Single Women considering the use of Donor Sperm. *Journal of Fertility Counselling* 8(2):36-40, 2001
33. MacLennan A: A template for defining a causal relationship between acute intrapartum events and cerebral palsy: international consensus statement. International Cerebral Palsy Task Force. *Aust N Z J Obstet Gynaecol*. 2000 Feb;40(1):13-21.
34. Engel PJ, Smith R, Brinsmead MW, Bowe SJ and Clifton VL: Male sex and type 1 diabetes are independent risk factors for stillbirth. *Aust N Z J Obstet Gynaecol* 2008 48(4):375-383.

#### **BOOKS:**

1. Brinsmead, Maxwell and White, Saxon (Eds): *"Learning for Change in Medical Practice. Proceedings of the Annual Forum of the Australian Postgraduate*

- Federation in Medicine*". The Hunter Postgraduate Medical Institute, University of Newcastle. 1987.
2. Brinsmead, Maxwell, Raffan, Bruce and Sales, Milton (Eds): *"Shared Obstetric Care. A Resource Manual for the Short Course in Shared Obstetric Care"*. The Hunter Postgraduate Medical Institute, University of Newcastle. October 1989. Second Edition March 1990.
  3. Brinsmead Maxwell, Douglas Karen and Palmer John (Eds): *"Shared Obstetric Care. A Resource Manual for the Short Course in Shared Obstetric Care"*. The Hunter Postgraduate Medical Institute, University of Newcastle. Sixth Edition, October 1994.
  4. Brinsmead Maxwell and Sales Milton (Eds): *"Shared Obstetric Care. A Resource Manual for the Short Course in Shared Obstetric Care"*. The Hunter Postgraduate Medical Institute, University of Newcastle. Seventh Edition, August 1995.
  5. Brinsmead Maxwell (Ed): *"Shared Obstetric Care. A Resource Manual for the Short Course in Shared Obstetric Care"*. The Hunter Postgraduate Medical Institute, University of Newcastle. Eighth Edition, August 1996.
  6. Brinsmead Maxwell (Ed): *"Shared Obstetric Care. A Resource Manual for the Short Course in Shared Obstetric Care"*. The Hunter Postgraduate Medical Institute, University of Newcastle. Tenth Edition, September 1998.

**REFEREE:**

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