

# Summary of Curriculum Vitae

## Dr E. Russell Vickers

Department of Anaesthesia and Pain Management  
**University of Sydney at Royal North Shore Hospital**

Phone 02-99267676 (W), 02-99777252 (H), 0427711888 (M)

Email rvickers@med.usyd.edu.au

### **Degrees / fellowships:**

**PhD, MScMed (Pain Management), MDS (Oral and Maxillofacial Surgery), GradDipScMed, BDS, FFPMANZCA** (Fellow of the Faculty of Pain Medicine, Australian and New Zealand College of Anaesthetists), **Dip Homeopathy, Dip Botanical (Herbal) Medicine**

### **Clinical Positions**

- Oral and Maxillofacial Surgeon at Royal North Shore Hospital, Balmoral Naval Hospital
- Pain Management Specialist, Pain Management and Research Centre, University of Sydney at Royal North Shore Hospital

### **Academic Positions**

- Clinical Senior Lecturer, Faculty of Medicine, University of Sydney
- Research consultant in liquid chromatography, mass spectrometry, analytical chemistry, peptide / hormone analysis, herbal / drug analysis (Faculties of Dentistry, Medicine and Pharmacy).

### **Teaching:**

16 years teaching and lecturing for the Faculties of Dentistry and Medicine, University of Sydney including:

- 1) Graduate Diploma in Pain Medicine, University of Sydney
- 2) Master of Dental Science / Master of Dental Surgery, University of Sydney
- 3) Graduate Diploma of Clinical Dentistry (Anxiety & Pain Control)
- 4) Continuing Medical Education program, University of Sydney
- 5) Continuing Dental Education program, University of Sydney
- 6) Royal Australian College of General Practitioners (NSW)
- 7) Royal Australian College of Dental Surgeons

### **Lectures:**

Approximately 80 lectures at international, national, state and metropolitan meetings and keynote / plenary speaker at:

- European Congress of CranioMaxillofacial Surgeons, Salzburg 2000
- Opioids and Biological Medicinal Chemistry, Warsaw 2001
- Australian Pain Society, Christchurch 2003

### **Research:**

- Balthasar Scholar 1996
- NHMRC Research Fellow 1997-2001
- 16 years research (Faculties of Dentistry and Medicine, University of Sydney)
- 52 publications and scientific abstracts
- Supervisor / associate supervisor (Faculty of Medicine) for 2 PhD, 1 Master, 2 Honours students

## **Multidisciplinary Pain Management Experience:**

### Summary:

I have been engaged in multidisciplinary pain management on a continuous basis for the last 12 years. I am currently employed full time in the area of pain management. I have consulted patients suffering from orofacial pain at the Pain Management and Research Centre (PMRC), Royal North Shore Hospital since 1992. This has been on a continuous basis except for the period March-September 1996 when I was working in two locations in the USA on collaborative research projects in the area of pain. Approximately two days per week are dedicated to clinical assessments and the management of orofacial pain patients. The remaining days are spent conducting basic science research into pain mechanisms, specifically the pharmacology of therapeutic agents to manage pain, and developing analytical methods for measuring the concentrations in biological fluids and tissues of known (and other, potentially novel) endogenous algogenic and analgesic substances. In addition, I am actively involved in clinical teaching and lecturing.

### Clinical experience:

From (1989-92) I was the co-ordinator of a multidisciplinary dental pain clinic based at the United Dental Hospital of Sydney. The dental pain clinic incorporated specialists from oral surgery, prosthodontics, periodontics and liaison psychiatrist and clinical psychologist. In 1989 this was a new development for the United Dental Hospital of Sydney; no pain clinic had previously existed. The initiative behind its establishment was Dr A. Punnia-Moorthy, Senior Lecturer in the Department of Oral and Maxillofacial Surgery. Dr Punnia-Moorthy was previously actively involved in the orofacial pain clinic at Eastman Dental Hospital, London, U.K. As his registrar / senior registrar I was asked to assist in the establishment of the United Dental Hospital clinic and to co-ordinate the patient referrals and visiting specialist practitioners. In addition, I assisted Dr Punnia-Moorthy in the clinical assessment of patients. This experience stimulated my further interest in both acute and chronic orofacial pain. Accordingly, the area of research I subsequently pursued for the research component of my specialist training degree (MDS) was an investigation of eutectic mixtures of local anaesthetic agents. This research necessitated the acquisition of new skills to measure the concentrations of the agents using high-performance liquid chromatography (HPLC). To gain initial experience learning these chemical methods I spent approximately four weeks with Mr Colin McLean, Senior Research Officer, Department of Anaesthesia, Flinders Medical Centre, Adelaide, South Australia. The subsequent research yielded three publications showing improved clinical efficacy over comparative drugs utilising a blinded, controlled design, and pharmacokinetics (using HPLC) that showed the analgesic agent to be safe for oral mucosal application.

Based on the research component and the clinical orofacial pain experience I was interested in pursuing both areas and accordingly approached Professor Michael Cousins and Professor Laurence Mather. I was successful in my application to undertake a Ph.D. in the Department of Anaesthesia and Pain Management, University of Sydney. In addition, I was willing to provide my background clinical experience to assist those patients with orofacial pain that were referred to the PMRC. The Ph.D. research and clinical duties with the PMRC began in June 1992 and I have

since been engaged full time in the field of pain research and clinical multidisciplinary pain management. I have actively supported the concept of multidisciplinary pain management throughout the dental profession which has resulted in this important aspect in dentistry now being well recognised. Consequently, there is a constant flow of patient referrals to the PMRC by dental practitioners for early intervention. The source of referral is state wide but with the majority of patients residing in the Sydney metropolitan region. Orofacial pain referrals are from general medical and dental practitioners, and medical and dental specialists. The ratio of medical to dental practitioner referrals is approximately equal indicating the need for dental practitioners trained and experienced in multidisciplinary management to be attached to such clinics. There is a wide scope of conditions that are seen including: (i) chronic pain arising from dental and head and neck pathology and infections, (ii) cranial nerve neuralgias, (iii) musculoskeletal disorders of the orofacial region, (iv) pain from oropharyngeal cancer and pain from related treatments such as oral mucositis, (v) neuropathic oral / orofacial pain states, (vi) orofacial pain with significant psychological variables, and (vii) complex dental pain. Four publications have resulted (two epidemiological studies and two clinical studies) from my duties at the PMRC. One of the clinical studies involved an extensive investigation of neuropathic orofacial pain that yielded a great deal of data on a condition that previously had a paucity of data. This publication was subsequently cited six times in the 1999 edition of the Textbook of Pain (Melzack and Wall).

Teaching and Lecturing:

I have had regular teaching and lecturing commitments on the subject of orofacial pain to postgraduates since 1992. I have been very active in promoting the knowledge of multidisciplinary orofacial pain management to the medical and dental disciplines. At the PMRC I have instructed medical and dental practitioners, and clinical psychologists in orofacial pain relevant to their disciplines. Since 1997 I have organised rotations through the PMRC of dental registrars undertaking MDSc programs in the Faculty of Dentistry, University of Sydney for the purpose of direct clinical tuition in the diagnosis and management of orofacial pain. These are set rotations organised by Dr Vickers and Professor Cousins with Professor Klineberg (Faculty of Dentistry, University of Sydney). I have been a principal lecturer for orofacial pain in the following teaching programs:

1. Master of Dental Science / Master of Dental Surgery, University of Sydney
2. Graduate Diploma in Pain Medicine, University of Sydney
3. Continuing Medical Education program, University of Sydney
4. Continuing Dental Education program, University of Sydney
5. Royal Australian College of General Practitioners (NSW)
6. Royal Australian College of Dental Surgeons

I have actively supported dental practitioners to undertake the Graduate Diploma in Pain Medicine. In 1998 three dental practitioner / specialists commenced the diploma, one practitioner in 1999, and three practitioners enrolled in 2000. I have given over 70 lectures in orofacial pain to local, state, national and international groups of dental practitioners, medical practitioners and multidisciplinary groups. The group of dental practitioners include general dentists, and the specialty groups of prosthodontics, endodontics, orthodontics and oral and maxillofacial surgery. Furthermore, I have

convened / co-convened three seminars and conferences (one half-day – two days), specifically on orofacial pain.

Research:

I have a strong commitment to both basic science and clinical research, with 11 years experience. I have published 48 papers (peer reviewed, reviews, case reports, abstracts and periodicals). I have been first author in the large majority of publications and abstracts. I was appointed as the Balthasar Research Scholar in Anaesthesia, University of Sydney from 1996-97. I have been appointed as a National Health and Medical Research Council Centre of Excellence Research Fellow in Anaesthesia and Pain Management from 1998-2000.

My expertise in basic science is in the use of HPLC and mass spectrometry for the analysis of endogenous peptides involved in pain mechanisms, and the determination of the pharmacokinetic profiles of drugs used in pain management. I have acquired considerable expertise in analytical chemistry that is the basis for chromatography and mass spectrometry. For example, I have managed to stabilise the potent algogen bradykinin, that has previously been very difficult to study as the peptide has a half life of only a few seconds. Simple stabilisation chemistry that I have developed has managed to stabilise bradykinin at room temperature for 7 days. This method uses selective incremental changes in biofluid pH that can allow the pharmacodynamics of the peptide to be examined, and potentially may allow specific bradykinin antagonists to be developed. Current supervision includes 2 PhD students and 2 Hons students.

I have considerable expertise in clinical research areas involving the three major chronic orofacial pain conditions: neuropathic orofacial pain, psychogenic facial pain (previously termed atypical facial pain), and temporomandibular disorder (predominantly a myofascial pain). These areas of clinical research have produced nine publications covering epidemiology, systems of classification, diagnostic tests and management strategies of orofacial pain.

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#### **QUALIFICATIONS:**

**PhD, MScMed, MDSc, GradDipScMed, BDS, FFPMANZCA**

Bachelor of Dental Surgery  
Faculty of Dentistry  
University of Sydney (1977)

Master of Dental Science (Oral and Maxillofacial Surgery)  
Department of Oral and Maxillofacial Surgery  
Faculty of Dentistry  
University of Sydney (1992)

Doctor of Philosophy  
Department of Anaesthesia and Pain Management  
Faculty of Medicine  
University of Sydney (2000)

Graduate Diploma of Science in Medicine  
Department of Anaesthesia and Pain Management  
Faculty of Medicine  
University of Sydney (2000)

Master of Science in Medicine (Pain Management)  
Department of Anaesthesia and Pain Management  
Faculty of Medicine  
University of Sydney (2001)

Fellow Faculty of Pain Medicine Australian and New Zealand College of  
Anaesthetists (2000)

#### **POSITIONS AND APPOINTMENTS HELD:**

##### **Current positions:**

- 1992- Visiting Oral & Maxillofacial Surgeon, Pain Management & Research Centre,  
University of Sydney at Royal North Shore Hospital
- 1992- Oral Surgeon / Oral and Maxillofacial Surgeon, (part time private practice in  
NSW and ACT)
- 1997- Lecturer, Graduate Diploma in Pain Medicine (University of Sydney)
- 1997- Oral & Maxillofacial Surgeon, Balmoral Naval Hospital

**Previous positions held:**

- 1977-86 Dental surgeon, private practice, rural NSW. VDO at Coffs Harbour District and Bellinger River District Hospitals.
- 1987-92 Tutor / associate lecturer, Dept of Oral & Maxillofacial Surgery, Faculty of Dentistry, University of Sydney
- 1988-92 Registrar / senior registrar in oral & maxillofacial surgery, Sydney Hospital
- 1990-94 Examiner in oral surgery, Australian Dental Examining Council
- 1996-97 Balthasar Research Scholar, Dept of Anaesthesia & Pain Management
- 1998-2001 NHMRC Research Fellow, Dept of Anaesthesia & Pain Management

**CURRENT TEACHING AND EXAMINING COMMITMENTS FOR THE FACULTY OF MEDICINE & ROYAL NORTH SHORE HOSPITAL:**

**Lecturing:**

- Graduate Diploma in Pain Medicine, University of Sydney
- Master of Dental Science / Master of Dental Surgery, University of Sydney
- Graduate Diploma of Clinical Dentistry (Anxiety & Pain Control)

**Supervision and teaching to higher degree students:**

Supervisor / associate supervisor –

- C. Goebel (PhD, Medicine 1997-) Peptide and hormone analysis of human saliva by high-performance liquid chromatography-mass spectrometry.
- C. Hogg (PhD, Veterinary Science 2002-) Analysis of stress and reproductive hormones in biological fluids of dolphins by electrospray mass spectrometry
- J. Whitney (Hons, Veterinary Science 2002-3) Monitoring reproductive cycles and stress responses in captive Western Lowland Gorillas (*Gorilla gorilla gorilla*) (analysing saliva by high-performance liquid chromatography-mass spectrometry).
- T. Grassi (Hons Vet Science)
- H. Boocock (MScMed 2003) Psychosocial variables in patients with chronic orofacial pain.

**Examining:**

- G. Verdickt (MDS, Dentistry, Melbourne, 2000)
- N. Borromeo (MScMed)

**INVOLVEMENT IN CURRICULUM DEVELOPMENT:**

- Responsible for the development and ongoing improvements in coursework material to the orofacial pain section of the Graduate Diploma in Pain Management (Sydney) and the development of educational material to the Faculty of Pain Medicine Australian and New Zealand College of Anaesthetists including the Orofacial Pain Unit (Web unit consisting of 6 units)

**PROFESSIONAL TEACHING COMMITMENTS:**

- Continuing Medical Education program, University of Sydney
- Continuing Dental Education program, University of Sydney
- Royal Australian College of General Practitioners (NSW)
- Royal Australian College of Dental Surgeons

**PEER REVIEWED RESEARCH GRANTS HELD IN LAST FIVE YEARS:**

- \$160,000 ARC-SPIRT (Boots Ltd): Novel methods of quantifying pain and inflammation using salivary assays and digital photography of orofacial pain states. (L. Gelgor, E.R. Vickers, S. Benrimoj, L. Mather) 2000-02
- \$12,000 Australian and New Zealand College of Anaesthetists: Development and validation of an analytical method for endomorphins (E. R. Vickers) 2003
- \$6,300 Australian Dental Research Foundation: Psychosocial variables in patients with orofacial neuropathic pain (H. Boocock, E.R. Vickers) 2003

**PUBLICATIONS:**

**Peer reviewed review articles:**

- Vickers ER, Cousins M (2000). Neuropathic orofacial pain. Part 1: Prevalence and pathophysiology. *Australian Endodontic Journal* 26: 19-26.
- Vickers ER, Cousins M (2000). Neuropathic orofacial pain. Part 2: Diagnostic procedures, treatment guidelines and case reports. *Australian Endodontic Journal* 26: 53-63.
- Brooker C, Vickers ER. Orofacial Pain. *Anaesthesia Review* (2001). Vol. 16 Kaufman L. and Ginsburg R. eds, Churchill Livingstone, London, pp 129-41.
- Vickers ER. Review of new capsaicin analogue DA-5018. *Current Opinions Drugs* (in press)

**Peer reviewed original articles:**

- Vickers ER, Punnia-Moorthy A (1992). A clinical evaluation of three topical anaesthetic agents. *Australian Dental Journal* 37: 266-270.
- Sved AM, Wong JD, Donkor P, Horan J, Rix L, Curtin J, Vickers ER (1992). Complications associated with maxillary nerve block anaesthesia via the greater palatine canal. *Australian Dental Journal* 37: 340-345.
- Vickers ER, Punnia-Moorthy A (1993). Pulpal anesthesia from a eutectic topical anesthetic. *Quintessence International* 24: 547-551.
- Vickers ER, Cousins M (1994). Management of chronic oro-facial pain. *Australian Family Physician* 20: 2315-2321.
- Vickers ER, Cousins M (1994). Temporomandibular Disorders. *General Practitioner* 20: 24-25
- Vickers ER, Marzbani N, Gerzina TM, McLean C, Punnia-Moorthy A, Mather L (1997). Pharmacokinetics of 5% EMLA cream application to oral mucosa. *Anesthesia Progress* 44: 32-37.
- Vickers ER, Cousins M, Walker S, Chisholm K (1998). Analysis of 50 patients with atypical odontalgia: a preliminary report on pharmacological procedures for diagnosis and treatment. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology and Endodontics* 85: 24-32.
- Vickers ER, Cousins M, Woodhouse A (1998). Pain description and severity of chronic orofacial pain conditions. *Australian Dental Journal* 43: 403-409.
- Vickers ER, Cousins M, Nicholas M (2000). Facial pain – a biopsychosocial problem. *Medicine Today* 11: 42-48.
- Goebel C, Mackay LG, Vickers ER, Mather LE (2000). Determination of defensin HNP-1, HNP-2, and HNP-3 in human saliva by using LC/MS. *Peptides* 21: 757-765.
- Vickers ER, Goebel C, Mather LE, Mackay L, Wells RJ (2001). High-performance liquid chromatographic determination of bradykinin in saliva: a critical review and a new method. *Journal of Chromatography B* 755: 101-110.

- Cox S, Piatkov I, Vickers ER, Ma G. High-performance liquid chromatographic determination of arecoline in human saliva. *J Chromatogr A*. 2004 Apr 2;1032(1-2):93-5.
- Hogg CJ, Vickers ER, Rogers TL. Determination of testosterone in saliva and blow of bottlenose dolphins (*Tursiops truncatus*) using liquid chromatography-mass spectrometry. *J Chromatogr B Analyt Technol Biomed Life Sci*. 2005 Jan 25;814(2):339-46.
- Vickers ER, Boocock H. chronic orofacial pain is associated with psychological morbidity and negative personality changes: a comparison to the general population. *Aust Dent J* 2005 (in press)

**Chapters in books and conference proceedings:**

- European Association of Cranio-Maxillofacial Surgery, Salzburg, Austria. (October 2000)

**Letters to professional and scientific journals:**

- Reply to Dr Greenberg, re: "Atypical odontalgia" (1998). *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 85; 628-629.
- Reply to Dr J. Heywood, re: "Facial pain – a biopsychosocial problem"(2001). *Medicine Today* 2: 149-151.

**Scientific Abstracts and Case reports in Journals / periodicals:**

- Vickers ER, Punnia-Moorthy A (1990). A comparison of three topical anaesthetic agents. *Journal of Dental Research* 4:937
- Vickers ER, Punnia-Moorthy A (1991). The efficacy of topical anaesthetics to produce pulpal anaesthesia. *Journal of Dental Research* 4:650.
- Vickers ER, Punnia-Moorthy A (1991). Clinical Studies of EMLA 5% Cream. Australian and New Zealand Association of Oral and Maxillofacial Surgeons February:38
- Vickers ER, Punnia-Moorthy A (1991). Plasma concentrations of lignocaine and prilocaine from oral mucosal application of EMLA. International Association for Dental Research, 31st Meeting, September.
- Vickers ER, Punnia-Moorthy A (1991). An investigation of EMLA cream 5%. Australian and New Zealand Association of Oral and Maxillo-facial Surgeons, Spring Meeting, November.
- Vickers ER, Punnia-Moorthy A (1993). Chronic dentofacial pain: demographic, social and pain characteristics in 100 patients. XIVth Australian Pain Society Conference, Melbourne, February: 45.
- Vickers ER, Marzbani N (1994). Dentistry without injections: the efficacy of topical anaesthesia. XVth Australian Pain Society Conference, Brisbane, April: 119.
- Vickers ER, Cousins MJ (1995). Diagnosis and treatment of atypical odontalgia. 16th Biennial Conference of the Australian and New Zealand Association of Oral and Maxillofacial Surgeons, Sydney, March: 37.
- Vickers ER, Cousins MJ (1996). Clinical features of oral neuropathic pain. Proceedings of the XIth World Congress of Anaesthesiologists. Sydney, April: 297, # D348.

- Vickers ER, Cousins MJ (1996). Atypical facial pain: social and pathophysiological factors. Proceedings of the 8th World Congress on Pain. Vancouver, August: 157, #156.
- Vickers ER, Mather LE (1996). Potential roles of salivary peptides: focus on bradykinin. 2nd Australian Peptide Conference, Fraser Island, October: #51.
- Vickers ER, Cousins MJ (1997). Atypical facial pain and temporomandibular disorder. 17th Biennial Conference of the Australian and New Zealand Association of Oral and Maxillofacial Surgeons, Perth, April.
- Vickers ER, Cousins MJ (1997). McGill Pain Questionnaire analysis of chronic orofacial pain: pain severity, inter-instrument relationships and multiple conditions. XVIIIth Australian Pain Society Conference, Uluru, April: 33.
- Goebel C, Vickers ER, Mackay L, Wells R, Mather LE (1997). Analysis of saliva by high-performance liquid chromatography-mass spectrometry. 14th Australian Symposium on Analytical Chemistry, Adelaide, July: 347.
- Vickers ER, Goebel C, Mackay L, Wells R, Mather LE (1997) Analysis of substance P by high-performance liquid chromatography-mass spectrometry. International Conference on Tachykinins in Health and Disease, Cairns, September: 62.
- Vickers ER, Goebel C, Mather LE (1997). Defensins - salivary antimicrobial peptides. Australian Society of Maxillofacial Surgeons, Surfers Paradise, November.
- Vickers ER, Mather LE (1998). Pharmacokinetics of salivary bradykinin. IXXth Annual Meeting of the Australian Pain Society, Hobart, April: 55.
- Ward ME, Vickers ER. (1998). Analysis of opioid and non-opioid drugs, and oxytocin by high-performance liquid chromatography. 30th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Vancouver, May: 100, #91.
- Vickers ER, White D (1998). Neuropathic pain as a complication of temporomandibular joint surgery. Combined Meeting of Canadian Association of Oral and Maxillofacial Surgeons and Australian and New Zealand Association of Oral and Maxillofacial Surgeons Vancouver, July.
- Vickers ER, Cousins MJ (1998). Oral neuropathic pain - a complication of dental procedures? 38th Annual Scientific Meeting of the International Association for Dental Research, Australian and New Zealand Division. Brisbane, September: 43.
- Vickers ER (1998). Pathophysiology of neuropathic pain. Australian Society of Maxillofacial Surgeons, Sydney, November.
- Vickers ER, Gelgor L, Benrimoj SI, Mather LE (1998). Application of high-performance liquid chromatography to study inflammatory mediators in pharyngitis. Combined Meeting of the Australasian Society of Clinical and Experimental Pharmacologists and Toxicologists and the Australian Pharmaceutical Science Association. Hobart, December: 92, #1-23.
- Vickers ER, Mather LE (1999). Analysis of multiple inflammatory mediators by high-performance liquid chromatography. 9th World Congress on Pain. Vienna, August: 260, #1.
- Vickers ER (1999). Diagnostic procedures for neuropathic pain. Australian Society of Maxillofacial Surgeons, Sydney, November.
- Vickers ER, Cousins MJ (1999). Case study of medical student with neuropathic pain: diagnostic and treatment guidelines. Medical Observer Jan: 25.
- Vickers ER, Rix L (1999). A synopsis of oral pathology. Medical Observer April: 58-59.
- Vickers ER (2000). Oral infections. Medical Observer Feb: 46-47.

- Parashos P, Vickers ER (2000). Atypical odontalgia – case report. Australian Endodontic Journal 26: 121-123.
- Vickers ER (2001) Paget's disease. Medical Observer 9 February: 40.
- Vickers ER (2001) Leukoplakia and candidiasis. Medical Observer 16 February: 38.
- Vickers ER (2001) Torus palatinus. Medical Observer 2 March: 50.
- Vickers ER (2001) Oral ulceration. Medical Observer 11 May: 48-49.
- Vickers ER (2001). Hairy tongue. Medical Observer (in press).
- Vickers & Boocock (IADR-ANZ) Development of a brief clinical pain inventory for dentists
- Vickers & Boocock (IASP World Conference, (San Diego 2002) Psychological and sensory differences in acute and chronic orofacial pain
- Boocock and Vickers. (IASP World Conference, (San Diego 2002) Fear avoidance is not a significant factor in chronic orofacial pain
- Boocock and Vickers. IADR (ANZ) Psychosocial aspects in orofacial pain (2002)
- Vickers (Australian Pain Society 2003) Complementary treatments for oral ulceration.
- Boocock and Vickers (Australian Pain Society 2003)
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#### **Manuscripts submitted / in preparation**

Vickers & Harris Neuropathic pain as a complication of surgery and trauma (Br J Oral and Maxillofacial Surgery)

Hogg & Vickers (J Chromatography B, Biomedical applications) LC-MS of salivary testosterone – a new method

Hogg, Vickers, Grassi, Whitney, O'Brien, Rogers. Applications of LC-MS of biological fluids for animal research. (World Wildlife Research)

Boocock and Vickers (J Orofacial Pain) Factor analysis of personality descriptors in chronic orofacial pain patients.

Boocock and Vickers (Pain). Early onset of psychological distress in patients with acute pain using the third molar extraction model – implications for drug selection for postoperative pain.

#### **Future Proposals in Herbal Medicine**

Clinic establishment

#### **RESEARCH CONFERENCES, WORKSHOPS & SEMINARS AS AN INVITED SPEAKER:**

- International Association for Dental Research (A.N.Z. Division) (1989)
- Society of Oral Surgeons (NSW) (1990)
- International Association for Dental Research (A.N.Z. Division) (1990)
- Australian and New Zealand Association of Oral and Maxillofacial Surgeons (Feb.1991)
- International Association for Dental Research (A.N.Z. Division) (1991)
- Australian and New Zealand Association of Oral and Maxillofacial Surgeons (Nov.1991)
- Australian Society for Dental Anaesthesiology (1992)
- Australian and New Zealand Association of Oral and Maxillofacial Surgeons (1993)
- Australian Pain Society (1993)
- Canberra Dental Study Group (1993)
- Faculty of Medicine Postgraduate Lecture Series (1993)
- Australian Pain Society (1994)

- Australian and New Zealand Association of Oral and Maxillofacial Surgeons (1995)
- Society of Oral Surgeons (N.S.W.) (1995)
- Royal North Shore Hospital Grand Rounds (1995)
- Faculty of Medicine Postgraduate Lecture Series (1995)
- Manly-Warringah Dental Study Group (1995)
- United Dental Hospital of Sydney Continuing Dental Education lecture series (1996)
- Australian Society of Maxillofacial Surgeons (1996)
- Central Sydney Dental Study Group (1996)
- Australian and New Zealand Association of Oral and Maxillofacial Surgeons (1997)
- Australian Pain Society (1997)
- Society of Oral Surgeons (N.S.W.) (1997)
- Balmoral Naval Hospital Continuing Medical Education lecture series (1997)
- Graduate Diploma in Pain Management (1997)
- Pain Management and Research Centre research lecture series (1997)
- FRACDS primary fellowship lecture series (1997)
- United Dental Hospital of Sydney Continuing Dental Education lecture series (1998)
- Balmoral Naval Hospital Continuing Medical Education lecture series (1998)
- Pain Management and Research Centre research lecture series (1998)
- Australian and New Zealand Association of Oral and Maxillofacial Surgeons and Canadian Association of Oral and Maxillofacial Surgeons (1998)
- Australian Society of Maxillofacial Surgeons (1998)
- Combined Society of Oral Surgeons (N.S.W.) and Faculty of Dentistry Continuing Dental Education (1998)
- Pain Management and Research Centre research lecture series (1999)
- Australian Society of Endodontology (1999)
- Northern Sydney Area Dental Health Service (1999)
- Royal Australian Navy Dental Officers (1999)
- Combined Continuing Medical Education and Continuing Dental Education Course, University of Sydney (1999)
- Graduate Diploma in Pain Management (1999)
- FRACDS primary fellowship lecture series (1999)
- Royal North Shore Hospital postgraduate students research seminar lecture series (1999)
- Australian Society of Maxillofacial Surgeons (1999)
- Australian Society of Endodontics (Victorian branch) (2000)
- Combined Australian Society of Endodontics (South Australian branch) and Postgraduate Continuing Dental Education, University of Adelaide Dental School (2000)
- Graduate Diploma in Pain Management (2000)
- Australian Society of Endodontics (Queensland branch) (2000)
- Diploma of Sedation and Pain Control (Faculty of Dentistry) (2000)
- Australian Dental Association (Newcastle Division) (2000)
- Australian Dental Association (Southern Division) (2000)
- FRACDS primary fellowship lecture series (2000)
- European Association of Cranio-Maxillofacial Surgery (Plenary speaker – five lectures on Orofacial Pain). Salzburg, Austria. (October 2000)

- Department of Endodontics, Dental School, University of Texas Health Sciences (2000)
- Second International Symposium for Opioids and Opioid Peptides (Warsaw 2001)
- Diploma of Sedation and Pain Control (Faculty of Dentistry) (2001)
- Graduate Diploma in Pain Management (2001)
- Pain Management and Research Centre research lecture series (2001a)
- Pain Management and Research Centre research lecture series (2001b)
- Balmoral Naval Hospital Continuing Medical Education lecture series (2001)
- Master of Dental Science lecture series (2001)
- Graduate Diploma in Pain Management (2002)
- Australian Association of Orofacial Orthopaedics (2002)
- Graduate Diploma in Pain Management – short course intensive (2003)
- Australian Society of Endodontics (NSW Branch) (2003)
- Orofacial Pain and Medication Seminar (3 lectures) (2003)
- Australian and New Zealand Pain Society (2003)

#### **Current research projects**

Carolyn Hogg

Tanya Grassi

Helen Boocock

E. Russell Vickers

#### **Educational projects (completed and under development)**

Website – orofacial pain

CD module - orofacial pain

#### **ADMINISTRATIVE ACTIVITIES:**

##### **Membership of committees:**

- Education committee, Faculty of Pain Medicine Australian and New Zealand College of Anaesthetists
- Education committee, Dept of Anaesthesia and Pain Management, University of Sydney

##### **Membership of peer review committees:**

Journal reviewer for -

- Anaesthesia and Analgesia
- Journal of Orofacial Pain
- Journal of Clinical Pain

##### **State / National seminars organised by Dr Vickers:**

- 1997 - Multidisciplinary Management of Orofacial Pain (Convener Dr E.R.Vickers). Half-day seminar jointly sponsored by the Pain Management and Research Centre at Royal North Shore Hospital and Northern Sydney Area Dental Service. Speakers: Dr E.R.Vickers (oral surgeon), Professor M.Cousins (anaesthetist / pain specialist), Dr M.Nicholas (clinical psychologist) and Mr L.Jones (physiotherapist). Seminar fully attended by 70 dental surgeons and dental specialists.
- 1998 - Management of Orofacial Pain and Infections (Conveners Dr E.R.Vickers and Professor M.Ferguson). Two day course sponsored by CME, Faculty of Medicine, University of Sydney). Speakers: Dr E.R.Vickers (oral surgeon),

Professor M.Ferguson (oral medicine), Dr S.Walker (anaesthetist / pain specialist), Dr M.Nicholas (clinical psychologist), Dr F.Blyth (pain epidemiologist), Dr D.White (neurobiologist), Ms L.Tonkin (physiotherapist) and Assoc. Professor G.McKellar (oral and maxillofacial surgeon). Seminar attended by 85 dental and medical practitioners.

- 1998 - Diagnosis and Management of Orofacial Pain. Afternoon seminar on chronic pain management jointly sponsored by CME, Faculty of Medicine, University of Sydney and the FRACGP. Seminar attended by 120 city and rural medical practitioners.
- 1998 - Regional maxillofacial / mandibular nerve block techniques and complications. Afternoon seminar for anaesthetists (registrars, fellows and consultants) held at Royal North Shore Hospital.
- 2003 (April 11)– Orofacial Pain and Medication. Continuing Professional Development, Australian Dental Association (NSW Branch). Speakers (E.R. Vickers, H. Boocock, L. Mather, P. Siddall, S. Overton, R.G. Woods). One day seminar for 70 dentists. Convened, chaired and three lectures by R. Vickers.

**PROFESSIONAL AND COMMUNITY ACTIVITIES:**

**Membership of professional and scientific bodies:**

- Australian Dental Association
- Australian and New Zealand Association of Oral and Maxillofacial Surgeons
- Society of Oral Surgeons of NSW
- Australian Society of Maxillofacial Surgeons
- Australian Academy of Orofacial Pain
- Australian Pain Society
- International Association for the Study of Pain
- Faculty of Pain Medicine Australian and New Zealand College of Anaesthetists
- Dental Protection Ltd (UK)

Australian Traditional Medicine Society

Manly Warringah Dental Study Group

**Position as officer in professional societies:**

- Councillor, Society of Oral Surgeons of NSW 1998
- Vice President, Society of Oral Surgeons of NSW 1999-2001
- Chairman, Medical Advisory Board, Trigeminal Neuralgia Association Australia 2004-

**Service on government agencies:**

- Consultant Oral and Maxillofacial Surgeon, Balmoral Naval Hospital, HMAS Penguin, Royal Australian Navy

**Other information:**

- 1997- Loan of \$20,000 of clinical dental teaching equipment to the Simulation Centre, Dept of Anaesthesia and Pain Management, Royal North Shore Hospital

for teaching the Graduate Diploma of Clinical Dentistry (Anxiety & Pain Control) to dentists.

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