



CONTINUING
EDUCATION
in DENTISTRY



The University of Sydney

Chris Peck, BDS, MSc (Dent), PhD (Brit Col), GradDipSciMed (Pain)

Chris Peck is the Pro Dean and an Associate Professor in the Faculty of Dentistry at the University of Sydney. He has completed his dental training and a Masters in occlusion and a Graduate Diploma in Pain Management at Sydney University and completed a PhD with Professor Alan Hannam at The University of British Columbia in Vancouver, Canada. His PhD work focused on the relationships between jaw structure and function, and he investigated loading patterns in the TMJ, the role of ligaments in controlling jaw movement and the complex interaction of jaw muscles that produce jaw function.

Prior to returning to Sydney in 2003, he was an Assistant Professor at the University of British Columbia. He directs the University's Orofacial Pain Clinic and undergraduate and postgraduate teaching in pain and jaw function. His research interests include the mechanisms underlying orofacial pain, jaw motor function and management strategies directed at improving dysfunction.

Greg Murray, BDS, MDS, PhD (Tor) FRACDS

Greg Murray is a Professor in the Faculty of Dentistry at the University of Sydney. He graduated from the University of Sydney in 1980 and spent four years involved in research in the Department of Prosthetic Dentistry and obtained his MDS and FRACDS.

He then travelled to Toronto, Canada and completed a PhD with Professor Barry Sessle, also a graduate of Sydney University. His PhD work focused on the cerebral cortical control of orofacial movements. He returned to take up a Senior Lecturer's position at Sydney University in 1990 and at the same time engaged in research, with Professor Mark Rowe at UNSW, on the neurophysiological aspects of somatosensory sensation.

He has published 75 research papers in refereed, international journals, 10 book chapters, 157 conference abstracts, and has attracted over \$2 million in research funding. He is currently a member of a Grant Review Panel of the NHMRC, and a member of the Society for Neuroscience, the International Association for the Study of Pain, the Dental Alumni Society of the University of Sydney, and the International Association for Dental Research.

OROFACIAL PAIN DVD SERIES

Orofacial Pain: Volume 1 – 35 mins **The importance of psychosocial factors** **Associate Professor Chris Peck**

This lecture covers the important psychological and social factors related to orofacial pain and how they dynamically interact to contribute to the pain experience. Pain must be looked at from an integrated perspective including how thoughts, beliefs, and emotions influence the experience. Furthermore, external factors in the social, economic and occupational domains need to be considered as they can influence pain behaviour. An appraisal of these variables is necessary when assessing and managing orofacial pain.

Orofacial Pain: Volume 2 – 45 mins **Assessment of Orofacial Pain** **Associate Professor Chris Peck**

This lecture provides an overview of orofacial pain assessment. Orofacial pain can arise from a number of disorders and it is important to have a systematic approach in its assessment. There are a number of orofacial pain signs and symptoms which indicate serious disease and it is essential that these are considered whenever assessing the pain patient. As pain referral is common in the orofacial region, it is important that the assessment considers the relationship between pain site and pain source.

Orofacial Pain: Volume 3 – 35 mins **The Pain History** **Associate Professor Chris Peck**

This lecture covers the key elements in a pain-related history. As pain is a subjective experience the history is the most important component of assessment. It is the responsibility of the clinician to capture all dimensions of the pain experience and this facilitated by developing a good rapport with the patient.

Orofacial Pain: Volume 4 – 55 mins **Neurophysiology - Introduction – peripheral mechanisms** **Professor Greg Murray**

These three lectures covers the neurophysiology involved in orofacial pain. An introduction lecture covers definitions, the epidemiology of pain and the basic nervous system pathway. The role of peripheral and central sensitisation processes are then covered together with information on referred pain, pain spread and poor pain localization, the Gate Control Theory, pain modulation, and the modes of action of some commonly used management strategies.

Orofacial Pain: Volume 5 – 25 mins **Neurophysiology - Central Mechanisms I** **Professor Greg Murray**

Orofacial Pain: Volume 6 – 30 mins **Neurophysiology - Central Mechanisms II** **Professor Greg Murray**

