

Programme-Friday 3rd December 2004

- 9.00 Registration and Coffee**
- 10:00 Welcome** - Vanita Brookes President BSDH
- 10.10 Opening Ceremony** - Mr Hew Mathewson
President General Dental Council
- 10:15 An Overview of Autoimmune Disease**
Dr Mansel Heaney, Consultant Immunologist,
Hope Hospital.
- 11:00 The Oral Manifestations of Autoimmune Disease**
Dr Anne Field, Hon.Sec.Lecturer & NHS Consultant
Oral Medicine, Liverpool Dental Hospital.
- 11:45 Coffee**
- 12:15 Autoimmune Disease:-Update on Strategies for Oral Health Care Management.**
Dr Tim Hodgson, Consultant / Hon. Lecturer
Oral Medicine, Eastman Dental Institute.
- 1:00 Lunch and Trade Stands**
- 2:00 The Psychological Impact of Chronic Disease**
Dr Andrew Hodgkiss, Consultant Liaison
Psychiatrist, St Thomas's Hospital
- 2:45 Members Presentations and Winner of European Year of Disability Award**
- 4:00 Tea and Close**

British Society for Disability and Oral Health



UNLOCKING BARRIERS TO CARE

“Autoimmune Disease-
The Enemy Within”

To be held on
Friday 3rd December 2004

Lorna Mc Arthur, Clinical Psychologist, Newlands Medical Centre, Bolton
The Royal College of Physicians,
11 St Andrews Place,
Regent's Park,
London.
NW1 4LE

Speaker- Dr Mansel Haeney, Consultant Immunologist, Salford Royal Hospital NHS Trust.

Dr Mansel Haeney is a Consultant Immunologist of international repute. He is the co-author of 'Essentials of Clinical Immunology' Blackwell Science, Oxford. He has also written 20 chapters in medical text books and over 80 papers in scientific journals.

Abstract – An Overview of Autoimmune Disease

Lymphocytes recognise foreign antigens through complementariness in shape between the lymphocyte receptor and a foreign molecule. Since the building blocks used to form microbial and host molecules are essentially the same, it is assembled shapes of self and non-self molecules which have to be discriminated by the immune system if potentially disastrous autoreactivity is to be avoided. The immune system has therefore evolved such tolerance mechanisms which make it unresponsive to self antigens. Self tolerance operates through several different mechanisms. Since each lymphocyte requires a single antigen, all that is required for the induction of self tolerance is a mechanism which functionally deletes those cells which react with self and leaves the remainder of the repertoire untouched. All mechanisms have a risk of breakdown and these mechanisms for self tolerance are no exception. Thus, a number of diseases have been identified in which there is copious production of autoantibodies and autoreactive T cells. However, the association between an autoimmune response and the manifestations of a given disease do not necessarily imply a casual relationship between them. The disease process itself may cause release of self molecules or changes in them which provoke an autoantibody response secondarily. It is only when the autoimmune process itself appears to be primarily responsible for producing the disease that we speak of an autoimmune disease as such. Autoimmune diseases are usually classified as organ-specific or non-organ-specific depending on whether the response is primarily against either antigens localised to particular organs, or widespread antigens. Current treatment is aimed largely at providing non-specific suppression of the immune system (typically in the non-organ specific disorders) or hormonal replacement therapy (in organ specific disorders) rather than at reversing the underlying process of autoimmunity but less crude and more

logical approaches to the management of autoimmune are being pursued actively.

Speaker- Dr Anne Field, Hon.Sen.Lecturer & NHS Consultant, Liverpool Dental Hospital

Dr Anne Field is Honorary Senior Lecturer & NHS Consultant, Liverpool Dental Hospital and has a national reputation in Oral Medicine and in particular in latex allergy. She has published widely, is co-author of 'Tyldesley's Oral Medicine' and is currently a CHI reviewer.

Abstract- The Oral Manifestations of Autoimmune Disease

The clinical presentation of autoimmune diseases presenting in the mouth will be illustrated, with particular emphasis on immunobullous disease, Sjogren's syndrome, lupus and pernicious anaemia. The recognition and management of these oral conditions will be discussed.

Speaker Dr Tim Hodgson, Consultant / Hon. Lecturer Oral Medicine, Eastman Dental Institute.

Dr Tim Hodgson is a Consultant and Honorary Lecturer in Oral Medicine at the Eastman Dental Institute and has been awarded a number of prestigious academic awards and research fellowships, in both medicine and dentistry. Most recently his award of a Royal College of Surgeons of England – BUPA research fellowship has allowed him to develop his special interest in the management of Kaposi's sarcoma. He has published extensively and is a member of the editorial board of the International Journal of Maxillo-facial Surgery.

Abstract – Autoimmune Disease: Update on Strategies for Oral Health Care Management.

Autoimmune disease rarely targets one organ and more commonly manifests with multi-system involvement. This has profound effects on both mobility and manual dexterity, making access to treatment and oral hygiene procedures difficult. The direct effect of the disease on the oro-facial tissues may be compounded by iatrogenic disease. This presentation will focus on current and proposed therapies to assist

Deleted:

patients with autoimmune disease maximise their dental health and quality of life.

Dr Andrew Hodgkiss Consultant Liaison Psychiatrist South London and Maudesly NHS Trust.

Dr Andrew Hodgkiss took appointment as Consultant Liaison Psychiatrist in 1996. He is Lead clinician for Liaison Psychiatry for South East London. He has a particular interest in the in the management of patients with Lupus, lung disease, cancer and chronic pain.

Abstract

This presentation will focus on the relationship between disease, illness and disability. In addition, coping strategies, mood disturbance and other mental health problems will be explored. The tension between narrative based and evidence based approaches to patients with chronic disease will conclude this presentation.

Members Presentations and Winner of European Year of Disability Award

2.45pm Elizabeth Swain - Winner of the European Year of Disability Award -Dental Practitioner, South Warwickshire PCT

Abstract- "Development of a Dental Service for Adult Survivors of Sexual Abuse."

This presentation will describe the development a dental service designed to overcome the barriers experienced by survivors of childhood sexual abuse. The author worked, with "Safeline", a voluntary association for survivors of sexual abuse, to ensure that their involvement was enlisted at every stage of the development. A programme of training was designed for the dental team by "Safeline" to increase knowledge and understanding of the impacts of sexual abuse on adult survivors. A dental service was then established which increased access for anxious patients with a history of sexual abuse. An evaluation of the service was undertaken to determine whether it achieved its objectives. Although referral numbers were low, initial results are favourable.

3.00pm Kate Mahoney - MSc student Special Needs Dentistry, Eastman Dental Institute for Oral Healthcare Sciences

Abstract- "Recalcitrant oral ulceration associated with SLE"

E.K. Mahoney, N. Kumar JAG Buchanan, TA Hodgson, SR Porter

Lupus erythematosus both in its mucocutaneous (discoid) and systemic forms can give rise to a spectrum of oral problems that may compromise quality of life. This present report details the features of a patient who was referred by local rheumatologists to the Oral Medicine and Special Needs units of the Eastman Dental Institute and Hospital with recurrent oral mucosal ulceration that has proven recalcitrant to therapy. The patient was a 58 year old housewife who had had systemic lupus erythematosus (SLE) for the previous 6 years, the disease giving rise in particular to erosive joint disease. The ulceration manifested as more than 4 ulcers at one time, often greater than 10mm in diameter on the non-keratinized mucosa. The ulcers took 3 weeks to heal with some scarring and latterly

with no ulcer free period. Histopathological examination of lesional tissue did not reveal features suggestive of lupus erythematosus and haematological investigations have never established the presence of autoimmune haemolytic anaemia nor neutropenia. The ulceration has proven to be recalcitrant to a wide variety of topical and systemic immunosuppressive therapies although in recent months has lessened in severity and frequency. Of note the patient has not developed secondary Sjogren's syndrome.

3.15pm Ruth Pickard -Senior Dental Nurse in Special Care, South Warwickshire PDS

Abstract- "Physical Intervention- the supportive approach"

This short paper will discuss the multi-disciplinary working between the dental and learning disability teams to ensure that an anxious 33 year old man with autism and moderate learning disability received necessary dental treatment. The patient was referred to the Special Dental Care Team in Warwick for general anaesthesia and refused to enter the hospital to undergo treatment, accompanied by care staff who were unwilling to act against his wishes. It describes the role of the Senior Dental Nurse in devising and implementing a strategy which ensured that urgent dental treatment could be provided in his best interests.

3.30pm Carole Boyle -Associate Specialist, Department of Sedation and Special Care Dentistry, GKT Dental Institute

Abstract- "Teaching Undergraduates Special Care Dentistry: The GKT Experience"

This presentation describes the special care dentistry course that is taught by the Department of Sedation and Special Care Dentistry at the Guy's, St Thomas' and King's Dental Institute in London. The aims and objectives of the course are laid out. The results of an audit from 2003 and 2004 are presented: this includes numbers and types of patients treated and the students' view of the course. Future plans are outlined and planned improvements described.

