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Curriculum Vitae

NIR UZIEL, D.M.D
 Israel, Tel-Aviv University,
 Faculty of Medicine, School of Dental Medicine,
 Department of Oral Rehabilitation

LANGUAGES English, French, Hebrew

A. EDUCATION

- 1993 Graduate the School of Dental Medicine, Tel-Aviv University
- 1994 D.M.D. degree awarded
 Thesis: Development of Dental Anxiety- Learned Responses versus
 Psychopathological Factors
 Supervisor: Prof. Ilana Eli
- 1996 Certificate to practice Hypnosis
- 2005 Certificate to Teach and research in Hypnosis

B. FURTHER STUDIES

- 1995 Course in N20 Sedation , School of Dental Medicine, Tel-Aviv University
- 1995-96 Course in Clinical Hypnosis, Faculty of Medicine, Tel-Aviv University
- 1998 Course in Oral Rehabilitation on Dental Implants, Sulzer Calcitek Inc.,
 Tel-Aviv
- 1998 Course on Personality Traits, School of Dental Medicine, Tel-Aviv
 University
- 2000 Course in Oral Rehabilitation , School of Dental Medicine, Tel-Aviv
 University
- 2003 Course in Root – Canal treatments, School of Dental Medicine, Tel-Aviv
 University
- 2004 Course in Implants and Oral Rehabilitation, Zimmer Inc.
 Ramat – Gan

C. ACADEMIC AND PROFESSIONAL EXPERIENCE:

- 1992 President of the Student Branch of the Alpha Omega Fraternity
School of Dental Medicine, Tel Aviv University
- 1991-93 Tutorship Program in Oral Hygiene for Elementary Schools, Israel
- 1994 -1996 Instructor, Department of Pedodontics, School of Dental Medicine,
Tel Aviv University
- 1995- Member, Department of Occlusion and Behavioral Sciences ,
School of Dental Medicine, Tel Aviv University
- 1996- Treatment of patients with oro-related behavioral dysfunctions at the Clinic for
Oral Psycho-physiology , School of Dental Medicine, Tel Aviv University
- 1997- Private Practice in Dentistry
- 1996-2000 Dental Treatment and Education Program for Elementary School Students
under the supervision of The Ministry of Health
- 1997-2003 Lectures in courses for Medical Secretaries in the College of Management
- 1998-2000 Lectures in courses for Dental Assistants in the College of Management
- 2000- Instructor, Course of Clinical Hypnosis, School of Dental Medicine,
Tel Aviv University.
- 2001- Instructor , Lectures in Behavioral Sciences for undergraduate DMD students,
Department of Occlusion and Behavioral Sciences, School of Dental Medicine,
Tel Aviv University
- 2001-2006 Treatment of patients with Orofacial pain and TMD, School of Dental
Medicine, Tel Aviv University
- 2002- Instructor, Course on Occlusion and Temporomandibular Disorders
- 2003- Lectures in professional burnout to dentists
- 2003- Lectures in Behavioral Sciences and Coordinator of the course in Behavioral
Sciences for Dental Hygienists, School of Dental Medicine, Tel Aviv University
- 2006- Lecture on hypnosis to undergraduate MD students in medicine,(6TH year),
Course of Integrative Medicine , School of Medicine, Tel Aviv University

D. GRANTS:

- 1996-97 Development of Dental Anxiety – Learned Responses versus Psychopathological Factors (Associate Research Fellow) Ministry of Health, State of Israel, Chief Scientists Office (\$12000)
- 2002 The Alpha Omega Grant for New Academic Research

E. ACADEMIC AND PROFESSIONAL AWARDS

- 1994 The Alpha Omega Award for Young Investigators
- 1996 Winner of the Israeli Hatton Competition for Young Investigators (by the Israeli Division of the IADR)
- 2000 Participation in an International Workshop on Quality of Life sponsored by the N.I.H, Pittsburgh, USA

F. MEMBERSHIP IN PROFESSIONAL SOCIETIES:

International Association for Dental Research

The Israeli Dental Association

The Israeli Association for Clinical and Experimental Hypnosis

The Israeli Association for Temporo-Mandibular Disorders

The Israeli Association of Pain

The Alpha Omega Fraternity (Past President of the Tel Aviv Chapter)

G. ACTIVE PARTICIPATION IN SCIENTIFIC MEETINGS:

2007 European Convention of Alpha Omega Fraternity, Paris France

Annual Meeting of the Israel Association of Periodontology

Annual Meeting of the Israel Association of Oral Rehabilitation

Annual meeting of the Israel Association for TemporoMandibular Disorders, Tel Aviv, Israel

Annual meeting of the Israel Association for Clinical and Experimental Hypnosis

Annual meeting of the Israel Association for Oral Medicine

Meeting of the Israel association for Oral Rehabilitation and the Israel association for Endontology

- 2006 Annual Meeting of the Israel Association of Pain
- Annual Meeting of the Israeli Chapter of Alpha Omega Fraternity
- Annual meeting of the Israel Association for TemporoMandibular Disorders,
- Annual meeting of the Israel Association for Oral Medicine
- 1ST International Conference of the Department of Oral Rehabilitation , Tel Aviv University
- Conference on Oral Implantology
- 2005 2ND International Conference of the Israeli Association of Oral Implantology
- Annual meeting of the Israeli Chapter of Alpha Omega Fraternity
- Annual meeting of the Israel Association for TemporoMandibular Disorders,
- Annual meeting of the Israel Association for Oral Medicine
- Annual meeting of the Israel Dental Association
- 2004 Annual Meeting of the Israel Association of Pain
- Annual meeting of the Israeli Chapter of Alpha Omega Fraternity
- Annual meeting of the Israel Association for TemporoMandibular Disorders,
- Annual meeting of the Israel Association for Oral Medicine
- Annual meeting of the Israeli Division of the International Association for Dental Research, Tel Aviv , Israel
- Annual meeting of the Israel Dental Association
- 2003 - Annual meeting of the Israel Association for TemporoMandibular Disorders
- Annual meeting of the Israeli Chapter of Alpha Omega Fraternity
- Annual meeting of the Israel Dental Association
- 2002 Annual meeting of the Israeli Chapter of Alpha Omega Fraternity

- Annual meeting of the Israel Dental Association
- 2001 International Convention of Alpha Omega Fraternity, Washington D.C . USA
- Annual meeting of the Israel Dental Association
- 2000 Annual meeting of the Israel Dental Association
- Annual meeting of the Israeli Chapter of Alpha Omega Fraternity
- 1999 77th International Association for Dental , Research , Vancouver, Canada
(Poster Presentation)
- The International Meeting of the American Psychosomatic Society, Vancouver,
Canada (Poster Presentation)
- Annual meeting of the Israeli Division of the International Association for
Dental Research, Jerusalem, Israel
- 1998 Annual meeting of the Israel Association for Clinical and Experimental Hypnosis
- Annual meeting of the Israeli Division of the International Association for
Dental Research, Jerusalem, Israel
- 1997 75th International Association for Dental Research, Orlando, U.S.A. (participant of
the Hatton Awards Competition for junior investigators)
- Annual meeting of the Israeli Division of the International Association for Dental
Research, Tel Aviv, Israel
- 1996 Annual meeting of the Israeli Division of the International Association for Dental
Research, Tel Aviv, Israel
- 1995 Annual meeting of the Israeli Division of the International Association for
Dental Research, Netanya, Israel (Oral Presentation,
- 7th Biennial Congress, European Society of Endodontology, Tel Aviv, Israel

H. DOCTORAL STUDENTS CO-SUPERVISED BY CANDIDATE

Student: Lisha Tomer

Main-Supervisor: Dr. Winocur Ephraim

Thesis: The Association between desirability of control and the prevalence of dental phobia and
bruxism

PUBLICATIONS:

ORIGINAL ARTICLES

1. I.Eli, N. Uziel, R. Baht
Antecedents of Dental Anxiety, Learned Responses Versus Personality Traits.
Community Dent Oral Epidemiol 1997; 25: 1-5
2. O. Lehavi, N. Uziel O. Aizenstien
The Influence of Tetracyclines on the Dentition.
J Isr Dent Assoc 1998; 15: 11-6
3. I. Eli, N. Uziel, R. Blumensohn, R. Baht
Modulation of dental anxiety – The role of attachment pattern
British Dental Journal, Vol: 196 (pp. 689-694), 2004

LECTURES PRESENTED AT SCIENTIFIC MEETINGS:

- 2007 The Annual Dental Convention of Dental Hygienists and Dental Assistants, the Israeli Defense Force (IDF)
Subject: The Role of the Dental Assistant in the Behavioral Management of the Dental Patient
- 2005 Meeting of the Israeli Society of Hypnosis.
Subject: Imagination versus Reality – Hypnotic techniques in the dental office
- The Annual Dental Convention for Dentists who serve in the IDF
Subject: Stress, Fear and Anxiety in Dentistry
- The Department of Endodontology, Faculty of Dentistry, Hebrew University, Jerusalem
Subject: Stress and Behavioural Management of Patients
- 2000 Annual Hygienist Convention
Subject: Hypnosis in Dentistry
- 1999 77th International Association for Dental Research, Vancouver, Canada
Subject: Modulation of dental anxiety – The role of attachment pattern
- The International Meeting of the American Psychosomatic Society, Vancouver, Canada
Subject: Modulation of dental anxiety – The role of attachment pattern
- 1995 Annual meeting of the Israeli Division of the International Association for Dental Research, Netanya, Israel

Subject Development of Dental Anxiety- Learned Responses versus Psychopathological Factors

RESEARCH PROJECTS IN PROCESS: (in collaboration with prof. Eli Ilana)

1. The relationships between oral health related QOL and parameters of temporomandibular disorders.

By definition temporomandibular disorder (TMD) is “ a collective term embracing a number of clinical problems that involve the masticatory musculature, the temporomandibular joints (TMJs) ,or both . Patients with TMD typically show signs of pain or discomfort in the muscles of mastication , limitations of jaw movement, and/or pain and joint sounds.

In characterizing TMD as an illness rather than a disease Dworkin indicated the necessity of taking into account “ the physical discomfort, emotional distress, behavioral limitations and psychosocial disruptions” that accompany it. This means understanding the health outcomes of these disorders in terms of their functional, psychologic, and social impact .

Quality of life (QOL) is defined as an individual's perception of one's position in life , in the context of the culture and value systems in which they live, and in relations to one's goals, expectations and concerns

Both general health and oral health contribute to QOL. Oral health related QOL is defined as an individual's assessment of how oral conditions affect his or her well-being . Instruments assessing indicators of oral health impact have been introduced mainly in the last decade. The Oral Health Impact Profile (OHIP) is among the most widely used and extensively studied measures

Most of the studies emphasize the relation between TMD pain and QOL and show that TMD pain, like other chronic pain conditions, has a major impact on the patient's quality of life.

Until today, the existence of possible association between the different parameters measured by the RDC/TMD and t by the OHIP have not been evaluated . The aim of the present study was to analyze the relationships between oral health related QOL as measured by the OHIP and parameters of temporomandibular disorders that are evaluated by the RDC/TMD criteria in Israeli TMD patients.

2. Dental fear and sexual dysfunctions – Is there a relation ?

Oral cavity and its associated functions share many psycho-social similarities with sexuality and the function of sexual organs. In his psychosexual theory Freud (ref)divided psychological development into three stages according to the parts of the body which release sexual energy (libido) : the oral stage (first year), the anal stage (second and third year) and the genital age (starting around the third or fourth year). Occasionally, some libidinal energy fixates in one of the early stages (oral or anal), a fixation which can influence personality throughout life. The oral cavity is the first

zone of pleasure and satisfaction to the newborn, not only through its organic role as a supplier of nutrition, but also as an erogenous zone that provides sexual pleasure. Freud suggested that even in normal individuals, who have successfully passed to the genital age of development, some sexual activity remains fixed with the oral cavity.

Even those who do not totally follow Freud's concept agree that there is a close connection between the oral cavity and sexual connotations. For example: Maslow's holistic-dynamic theory (Maslow,) attempts to explain human behavior according to a hierarchy of needs that have to be fulfilled, in each of them the oral cavity plays a major part (Eli, 1992). The most basic are the physiological needs, vital for survival (breathing, eating, drinking). Dworkin et al (1978) included in the survival functions of the oral cavity also communication and sexual activity. The face and mouth play an important role not only in sexual activity but also in sexual attraction, essential for the survival of the species. The mouth is a source of gratification and reinforcement of sexual behaviors, a pleasure that encourages the repetition of sexual acts.

Recently a possible connection between dental fear and sexual trauma has been raised in the scientific literature. The published studies refer mainly to sexual abuse and neglect. Walker et al (JADA, 1996) showed that a history of childhood and adult traumas are significantly associated with elevated dental fear. Willumsen (EJOS, 2001) examined 99 sexually abused women and found that majority of them reported they had experienced problems in relation to dental treatment situations. In another study, Willumsen (Commun, Dent Oral Epidemiol, 2004) showed that women with dental fear, who reported a history of child sexual abuse, score significantly higher on the Dental Beliefs Scale (avoidance of dental care, physiological anxiety while waiting for treatment, fear of needle and fear of drill) , than women with dental fear who did not report sexual abuse at childhood. Finally, Moore et al (BMC Psych 2004) showed that many dentally anxious patients present co-morbid psychosocial dysfunction due to effects of sexual abuse, general anxiety, gagging, fainting or panic attacks.

Possibly, dental anxiety can be associated with sexuality or with presence of sexual dysfunction(s). Our assumption was that a positive association will be found between the presence of sexual dysfunction(s) and the presence of dental anxiety.