

Liliana Veronica Diaconescu

EXPERIMENTAL EFFECTS OF MUSIC ON SKIN REACTIVITY IN PATIENTS WITH DRUG ALLERGY

Abstract

Previous studies revealed in patients with drug allergy (DA) psychological aspects such as high stress vulnerability and anxious/ depressive troubles. Other studies revealed that emotional stimuli (e.g. listening music) induce changes in skin moisture.

Method:

15 patients with DA and 15 healthy subjects were tested by Hospital Anxiety and Depression Scale (HADS), Perceived Stress Scale (PSS), Alexithymia Questionnaire, Stress Vulnerability Scale (SVS), a musical test diagnostic (Iamandescu) as a psychosomatic stimuli inducing changes in skin moisture measured with Multi Skin Test.

Results:

At patients with DA the average scores at anxiety and depression were significant increased, the scores at SVS correlated with high scores at PSS ($p < 0.01$) and sweat secretion was increased after the audition of each musical fragment, especially after the sad music pieces.

Discussions:

Patients with DA have demonstrated a high stress vulnerability, including also an increased sweat secretion to a distressing stimulus represented by sad music.

Curriculum vitae

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Position: Assistant Professor - Department of Medical Psychology, University of Medicine and Pharmacy "Carol Davila", Bucharest, Romania

Studies:

2005-2007: Master - Cognitive-Behavioral Therapy (2007), Psychology Faculty of University "Titu Maiorescu", Bucharest, Romania;

1996-2000: Bachelor of Arts (BA) - Psychology (2000), University of Bucharest, Romania, Faculty of Sociology, Psychology and Pedagogy,

Specialization Psychology;

1984-1990: Medical Doctor (MD) (1990), Institute of Medicine and Pharmacy “Carol Davila”, Bucharest, Romania, Faculty of Pediatrics, specialization Pediatrics.

Research interests:

Health psychology, psychosomatic, stress and health, patient interviewing, psychological effects of medication, drug allergy, adherence to treatment in various medical conditions.

Work experience:

1998-present: Assistant Professor - Department of Medical Psychology, University of Medicine and Pharmacy “Carol Davila”, Bucharest;

2006-present: Specialist physician in epidemiology – Public Health Authority – Bucharest;

1999-2006: Specialist physician in epidemiology – Hospital “Titan”, called now Clinical Hospital of Ilfov District , Bucharest;

1994-1998: Pediatrician – “Pinocchio” Center for homeless children, Bucharest;

1992-1994: Resident physician - Institute of Hygiene and Public Health , Bucharest;

1990-1992: Intern physician – Institute for Mother and Child Protection “Prof.Dr. Alfred Rusescu” - Bucharest.

Selected courses of specialization and training in psychology:

March 2005-present: Training in Child and family counseling – organized by The International Foundation for child and family (FICF) – Bucharest;

2000- 2001: Course of Pediatric Psychiatry – Advising and counseling techniques –organized by the University of Medicine and Pharmacy “Carol Davila”, Bucharest;

1999-2000: Course of Psycho-oncology, organized by France Embassy, Health Ministry of Romania, Institute for post-university training for physicians and chemists and French Association for Medical Aid in Romania;

June 1999: Introducing course of behavioral and interpersonal psychotherapy, organized by Humanitarian Association “ACUM” and Romanian Psychotherapy Association;

April 1999: Course of Medical Pedagogy, organized by the University of Bristol, Great Britain and the University of Medicine and Pharmacy “Carol Davila”, Bucharest.

Affiliations:

Since 1999: Member of the Center for Studies in Music and Medicine “Boris Luban-Plozza”, Bucharest;

Since 1999: Member of the Romanian Psychoneuroendocrinology Society;
Since 2004: Member of Romanian Psychologists Association (APR);
Since 2005: Founder member of the Romanian Society of Applied Psychosomatic and Behavioural Medicine;
Since 2007: Member of the Romanian Hypnosis and Cognitive-Behavioral Therapy Association;
Since 2007: Member of Psychological Counselling Association, Bucharest;
Since 2007: Member of Central and Eastern European Society of Behavioural Medicine

Special accomplishments:

2007- Cognitive-behavioural therapist
2007- Clinical psychologist

Papers and books:

Main author in:

O. Popa-Velea, Liliana Diaconescu, Ioana Necula Cioca – “Medical Psychology: theoretical bases and practical applications for doctors and psychologists”, “Carol Davila” University Publishing House, Bucharest, 2006 (monograph dedicated to the most up-to-date findings in medical psychology, valuable in medical and psychological practice)

Co-author in:

I.B.Iamandescu (coord.) – Psychoneuroallergology , second edition- Liliana Diaconescu, I.B. Iamandescu –chapter :” Allergic-type reactions to drugs” , Amaltea Medical Publishing House, Bucharest, 2007

I.B.Iamandescu, B.Luban-Plozza – “Psychosocial dimension of medical practice” (Dimensiunea psihosocială a practicii medicale), Infomedica Publishing House, Bucharest, 2002; Liliana Diaconescu -chapters: “Psycho-physiological and behavioral peculiarities connected with the age and sex – The child and the teen-ager” , “The patients with HIV/AIDS infection –psycho-social implications”

I.B.Iamandescu (coord.) - “Elements of General and Applied Psychosomatics”, Infomedica Publishing House, Bucharest, 1999 (textbook of psychosomatics for students in medicine and psychology); Liliana Diaconescu -chapter: “ Algorithm of psychosomatic investigation in pediatrics”

Papers in the field of medical psychology, psychosomatics, music therapy, allergology, printed or presented in Romanian reviews or congresses (some recent titles)

O. Popa-Velea, Liliana Diaconescu, Alexandra Mihăilescu, Ioana Cioca – „Memory performance and preference for coping styles in stressful academic conditions” The 4-th National Congress of Neuroendocrinology, Bucharest, 05.2009

Liliana Diaconescu – „Psychological approach of patients with drug allergy”, The 4-th Conference of the Romanian Society of Applied Psychosomatic and Behavioural Medicine, Bucharest, Romania, 05.2009

Liliana Diaconescu, Magda Constantin, G.S. Țiplica – „Psychometric and experimental aspects (sweat secretion related to music listening) in patients with drug-induced urticaria”, 6th EADV Spring Symposium, Bucharest, Romania, 04.2009,

Liliana Diaconescu – „Study of stress vulnerability in patients with drug allergy”, Annual Congress of Romanian Medical Association, Bucharest, Romania, 04.2009

Liliana Diaconescu, Ion Diaconescu – “Correlations between anxiety, depression, perceived stress, optimism and social support in vascular patients”, The 3rd Conference of the Romanian Society of Applied Psychosomatic and Behavioural Medicine; Bucharest, Romania, 10.2008

Liliana Diaconescu – “Health and disease – a psychosomatic perspective” , Romanian Medical Journal, vol. LV, nr.2, p.71-75, 2008 ,

O. Popa-Velea, Liliana Diaconescu – “Correlations between coping strategies, perceived social support and depression in medical school students”, The 5-th National Conference of Child and Adolescent Mental Health, Bucharest, Romania, 09.2008

Aurora Frunză, Liliana Diaconescu – “Ethical considerations regarding scientific research and current professional practice in studies involving children and adolescents”, The 5-th National Conference of Child and Adolescent Mental Health, Bucharest, Romania, 09.2008

O. Popa-Velea, Liliana Diaconescu – “Hardiness, anxiety, depression and optimism:

contributions to self-perceived quality of life in healthy old people”, The 10th International Congress of Behavioral Medicine, Tokyo, Japan, 08.2008

Liliana Diaconescu – “Psychological aspects involved in drug allergy”, XXIX International Congress of Psychology, Berlin, Germany, 07.2008

Liliana Diaconescu, Aurora Frunză – “The importance of counselling for students”, International Conference EDU-WORLD 2008, Pitești, Romania, 06.2008,

O. Popa-Velea, Liliana Diaconescu – „The contribution of Balint training in prevention of burn-out syndrome at doctors”, First Conference of the Central and Eastern European Society of Behavioral Medicine, Pecs, Hungary, 08.2007

Liliana Diaconescu, O.Popa-Velea – „Anxiety, depression, hardiness and optimism: correlations to quality of life in healthy old subjects”, First Conference of the Central and Eastern European Society of Behavioral Medicine, Pecs, Hungary, 08.2007

O. Popa-Velea, Liliana Diaconescu – „Corelations between psychological variables and the prognostic of hipertyroidism at patients with Graves disease under treatment”, The 14th National Symposium of Psychoneuroendocrinology, Sibiu, Romania, 05.2007

Liliana Diaconescu, I. Diaconescu – „Psychological aspects of pain in patients with critical limb ischemia” The 5th National Conference of Interdisciplinary Studies in Internal Medicine, Bucharest, Romania, 03.2007;

Liliana Diaconescu – “Psychological problems of patients with drug allergy” – 26th European Conference of Psychosomatic Research, Dubrovnik, Croatia, 09.2006

Liliana Diaconescu – „Psychoindividual and psychosocial factors implied in eating behaviour in doctors and medicine students in professional stress situations” The 13th National Symposium of Psychoneuroendocrinology, Cluj-Napoca, Romania, 05.2006

Liliana Diaconescu – „Psychosocial problems in AIDS patients with impli-

cation in immunity decreasing”, The 2nd National Conference of Interdisciplinary Studies in Internal Medicine, Bucharest, Romania, 11.2003

I.B.Iamandescu, Ramona Weisz, O.Popa-Velea, Liliana Diaconescu, Ina Ionescu – “Study of psychological parameters and functional disorders produced by music to symphonic orchestra interpreters” , Infomedica Review, Bucharest, Romania, 2000;