

homozygotes + Val/Met heterozygotes; $N = 28$) than in nine Val/Val homozygotes (27.4 vs 24.1; $p = 0.042$, Two-Sample T-Test).

Conclusions: The Met allele of the COMT gene Val158Met polymorphism is associated with low COMT enzyme activity and high endogenous dopamine synaptic levels in the prefrontal cortex. This leads to a decrease in dopaminergic neurotransmission in nucleus accumbens and a need for an increased activity to stimulate it. Novelty seeking behavior corresponds with this need.

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The management of psychiatric comorbidity in an outpatient individual therapeutic program of addiction

L. Iliopoulou¹, V. Koutras¹, P. Georgakas², T. Chajoudi².
¹ *Counseling Center for Combating Drug Abuse, Ioannina, Greece*
² *Program of Alternative Therapy for Addicted Individuals, Thessaloniki, Greece*

During last years there is an increasing tendency to develop treatments specifically tailored for addicted patients with psychiatric comorbidity. The Counseling Center offers an outpatient, drug counseling individual psychotherapeutic program. No medical treatment is administered except naltrexone which is prescribed to some selected heroin addicted users.

As substance use disorders and psychiatric disorders (psychotic, affective and anxiety disorders) commonly co-occur it is of great importance to facilitate early diagnosis so the therapist will be able to design the optimal management of users with a comorbid psychiatric disorder. If there is an evidence of comorbidity the user is also referred to a psychiatrist other than the drug counseling therapist who diagnoses and has the responsibility for the medical and psychotherapeutic treatment of this disorder.

The therapists' collaboration has two main intents: the abstinence from drug use and the recovery from the psychiatry disorder. In case abstinence is not succeeded or the comorbid disorder is not optimally treated the outcome of the treatment effort will not be successful.

Furthermore it is also important to give detailed information to the user about the therapeutic process and the way in which drug use contributes to the development and the maintenance of the psychiatric disorder. As for heroin users with psychiatric comorbidity the prescription of naltrexone will also be very helpful.

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Expression and communication through body in withdrawal attempt

L. Iliopoulou¹, P. Georgakas², T. Chajoudi², C. Vasiliou², V. Koutras¹.
¹ *Counseling Center for Combating Drug Abuse, Ioannina, Greece*
² *Program of Alternative Therapy for Addicted Individuals, Thessaloniki, Greece*

Development is a continuous procedure of innate and extraneous factors. One person's personality is formed by these factors, starting from the early childhood. Movement, cognitive, personal and social development, self-esteem and self-confidence are parts of the total human growth. Any behavior, adaptation or experience can be expressed by human body. During communication, the biggest part, is carried out by non verbal communication. Human body plays the most important role to conscious of the relationship between movement and expression ability during communication. Drug addicted people assign themselves, psychological and biological to "substance". As a result, they loose the control of their bodies. So, every withdrawal attempt should work, not only with the psychical part of

the addiction, but with the physical dimension, too. Then, can be thought as completed. The purpose of this study is to present "body awareness groups", which work out in an alternative "therapy" program to deal with addiction to drug. The purpose of these groups is to help drug addicted people to realize that their body can be a medium for express emotions and communication. Member's participation and behavior compares and assesses with their general function to the rest of the "therapeutic groups". The result of this assessment refer to the total psychological and biological withdrawal attempt.

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Educating high school teachers in applying programs for the prevention of drug abuse

L. Iliopoulou, V. Koutras, E. Fidi, V. Basogianni, S. Gonta, K. Komninou, D. Lagou, S. Thomos. *Counseling Center for Combating Drug Abuse, Ioannina, Greece*

The Counselling Center for Combating Drug Abuse in Ioannina has planned and is currently applying a program on drug abuse prevention for high school students. The main object of this program is to enable students to develop basic skills and personal capabilities to cope with difficulties, expecting in this way to change their attitudes against drug use.

These programs are carried out by specialists or alternatively by teachers who have already been entirely educated how to apply prevention programs in a group oriented way. In addition teachers are supervised by a specialist so they can discuss with him both the progress of the program and the difficulties or questions which arise as the program goes on.

Although teachers are often regarded as the most suitable to apply such programs because of their close and continuous contact with their students, there are difficulties which some times make the implementation of the program problematic. Such difficulties arise either from insufficient education in the philosophy of prevention programs or from their rigid convictions about educational techniques. If we want teachers to be effective in applying preventive programs they must become familiar with experiential techniques and work in groups.

Supervision and examination of their motivations are also of great importance. Teachers who will be educated to apply these programs should be carefully selected in order to be appropriate to learn a new way to teach their students.

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A combination of the narcotic antagonist therapy and a special psychotherapy

T.T. Iosebade, N.D. Dzagania. *Department of Psychotherapy and Psychodiagnostic, The Research Institute on Addiction, Tbilisi, Georgia*

We believe that under valuation of the significance of special psychotherapeutic work in applying the narcotic antagonist therapy is the main reason of its comparatively poor efficacy. Often the antagonist therapy is conducted while drug addicts are not psychologically prepared to give up taking drugs.

We have tried to develop a model of combination of the narcotic antagonist therapy with special psychotherapeutic work (i.e. with our working model of forming an antinarcotic psychological set). Our special psychotherapeutic model is based on the Uznadze psychological theory of set.