

## THE USE OF AGOMELATINA IN DRUG ADDICTED PATIENTS WITH PSYCHIATRICS DISORDERS

**M.C. Pieri, A.C. Comaschi**

Mental and Drug Addiction, Drug Addiction Unit Bologna East, Bologna, Italy

Agomelatine is an innovative antidepressant with new mode of action: it's an agonist of melatonergic receptors MT1 and MT2 and 5HT2c antagonist.

The idea of this study was to assess the use of agomelatine in patients treated in our center for drug addiction in Bologna (SERT), and in particular:

- patients with heroin abuse treated with full/partial opioid agonists (methadone, buprenorphine, Buprenorphine /naloxone)
- patients treated for alcohol abuse
- patients who failed to antidepressants and treated with opioid agonist
- patients treated for benzodiazepines abuse

**Objective:** Of the study is To evaluate the improvement of mood, anxiety and sleep disorders in patients treated with agomelatine and affected by drug addiction (heroin, alcohol and benzodiazepine)

The efficacy of agomelatine was assessed by investigator at T0 and at monthly visit up to 6 months using HAM-A, HAM-D21, VAS for *craving* VAS for the quality of sleep.

- Weight, number of hours slept and quality of life were evaluated
- Blood parameters were assessed at T0 and T6
- Heroin, cocaine and cannabinoid metabolites were evaluated.

**Conclusion:** We evaluated the efficacy of agomelatine on top of conventional treatments for drug addiction in 3 different groups (heroin, alcohol and sedatives addiction) In all three groups we've observed the improvement over time in depressive symptoms and anxiety symptoms We've noticed an important reduction of craving The quality of sleep and the time of sleeping have markedly improved The quality of life was increased in all patients treated with agomelatine.