Editorial

Ofloxacin induced Panic disorder

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Ofloxacin is used in urinary tract infection (UTI). Some side effects are including: fever, acute renal failure acute, agranulocytosis. Panic attack has been reported by patients with panic disorder, depression, stress and anxiety, smoking session, pain, Obsessive-Compulsive disorder (OCD) and HTN. Rare report is about panic disorder follow antibiotics use. We intend report a 29 years-old woman without previous psychiatric disorders. A physician diagnosed UTI and started Tablet Ofloxacin 400mg BID. She used the first dose and 3 hours after that, she experienced panic attack. Then She had anticipatory anxiety for next attacks. She had some panic attack experience after that. Now, She can't sleep in her bed because that is where she had her first attack and now she is extremely fearful. She hadn’t positive familial history for psychiatric disorder. Her laboratory Examination and Physical examination were normal. We suggested her physicians that discontinue Ofloxacin and start other antibiotic. We started Tablet Imipramine 25mg Hs daily, Trifluoprazine 1mg Hs and Clonazepam 1 mg Hs. We followed her and she was resolved after 3 months.

Ofloxacin use can cause psychiatric complications in those with a positive past psychiatric history. It can cause an acute psychotic reaction [1].

Psychiatric side effects ranging from anxiety and panic attack to major depression, psychosis, and delirious state in patients with or without a premorbid psychiatric history can happen following Ofloxacin use. Risk factors are include : high antibiotic dosage, prior psychopathology, comorbidity with a medical conditions, slow acetylator condition, old age, concomitant medications [2].

Our patient hadn’t previous psychopathology and concomitant disorder. She didn't report similar situation about other drugs. Dosage of drug was suitable, too.

We suggest to other physicians specially Urologist if they want start drugs like Ofloxacin. It is better that achieved from patient a precise history about psychiatric disorder specially anxiety disorder. If it is possible for prescription another drug expect Ofloxacin, we suggest to physicians that a patient with psychopathology for anxiety disorders like panic disorders respect this subject.

References
