

Case Report

Poly substance induced psychosis

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Abstract: Poly substance induced disorder is a growing problem. The main objective is to explain psychosis caused by use of several substances. In results the Poly substance use can induce psychotic disorder. In conclusion Psychosis may occur following use of different substances.

Keywords: poly substance; psychotic disorder.

INTRODUCTION

Due to growing of environmental stresses, health disorders especially mental disturbances have been increasing. In recent decades, policy makers, health professionals and scientists pay much more attention to the causes and treatment of mental disorders [1 – 13].

Among psychiatric disturbances, addictive disorders, especially poly substance induced psychosis have been considered as a considerable and progressing globally problem and at the present time, stimulants induced psychiatric presentation to the outpatient clinics or inpatient wards is a growing problem [14 – 53].

Previously, illicit drugs and substances such as hashish and amphetamine derivatives were illegally smuggled in from the west, but now it is illegally prepared in Iran in ‘underground’ laboratories. It should be mentioned that the methamphetamine synthesized in Iran is much more powerful and is usually associated with psychiatric disorders especially psychosis.

CASE PRESENTATION

Our patient was a 30-year old divorced woman with high education, living in Shiraz city of Fars province in southern Iran with her parents. She had been smoking cigarette since adolescence. She began smoking of other substances such as marijuana, opium and methamphetamine at age of 19. Few months ago she developed agitation, aggression, irritability, hyperactivity, hallucinations, persecutory and paranoid delusions after abusing of heroin, opium, marijuana, hashish, and methamphetamine.

According to our interview (based on DSM-5 criteria), and also complete medical, psychiatric, and substance use history she was diagnosed as poly substance induced psychosis. In addition, our patient was diagnosed as opioid (heroin), methamphetamine, cannabis and tobacco dependant. She was an abuser of opium, norgisac (a mixture of heroin and corticosteroid), ecstasy, marijuana and water pipe (huka) as well.

DISCUSSION

This case study indicates that poly substance use can cause psychotic disorder, and this case study is an important addition to the literature.

CONCLUSION

Psychotic disorder can occur following multiple substance use.

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