Article: 1728

Topic: EPV31 - e-Poster 31: Schizophrenia

A Case of Isoniazid-induced Psychosis in a 42-year-old Man with Schizophrenia

A. Soler Iborte¹, S. Galiano Rus², J.E. Muñoz Negro³

¹Psychiatry, USMC-Linares, Jaén, Spain ; ²Psychiatry, USMH-Úbeda, Jaén, Spain ; ³Psychiatry, USMC-Loja, Granada, Spain

INTRODUCTION: Cases of isoniazid-related psychiatric disordersreported in the literature include psychosis, obsessive—compulsive neurosisand mania. Tuberculosis is an endemic issue in our area; so much people receiveprophylactic treatment for tuberculosis. Pyridoxine deficiency may play a rolein the pathogenesis of isoniazid-induced psychosis. Such deficiency states maybe detected indirectly by measuring urinary metabolites of tryptophan.

METHODS: We performed a retrospective analysis of those patients in the literature and we report acase of isoniazid-induced psychosis in a 42-year-old man with schizophrenia and alcohol dependence. He was abstinent during the last six months.

RESULTS: A 42-year-old man with schizophrenia, in full remission for the last twoyears, presented psychotic symptoms (delusions and hallucinations) suspected tobe related to prophylactic treatment with isoniazid after his brother testedpositive to a tuberculin test. The psychotic symptoms resolved completely afterisoniazid was discontinued. We didn't change his treatment during the episode(Clopixol 200mg/ 21 days).

CONCLUSIONS: Clinicians should be aware of this adverseeffect of isoniazid and that it may present with a broad clinical picture. As are sult of our findings we coordinated a clinical session with others HospitalDepartments.

- 1. Isoniazid-Induced Psychosis Ann Pharmacother September 1998 32: 889-891.
- 2. Vallejo Ruiloba J, Leal Cercos C. Tratado de Psiquiatría. 2º.ed. Barcelona: Ars Medica; 2010.