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| **Cycloserine-induced Acute Psychiatric Episode with XDR-TB treatment in an Indian Patient- A Report**  |
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| Abstract:  | Adverse reactions and its toxic effects are major problem we have to face during the treatment courses for extensively drug-resistant Tuberculosis (XDR-TB). Here one case indicates the importance of awareness about the psychiatric adverse reactions due to XDR-TB therapy and its toxic adverse reaction of it. Cycloserine-induced psychosis is more life threatening problem and it may be risk to life. A 28-year-old male on XDR-TB therapy got admitted for his Acute Psychiatric Episode, There was no any history of taking any addictive drug and no history mental illness among family member. His body weight was measured 45 kg. he is being treated with Tab Valproate 200mg. (1-1), Tab Trifluoparazine 5mg. + Tab Benzhexol HCl. 2 mg. (0-0-1), Tab Quetiapine 200mg. (0-0-1), Tab Resperidone 1mg. (1-1-1), Tab Nitrazepam 1mg. S.O.S. Patient was feel better and recovered after Capsule cycloserine was stopped and occurance of Acute Psychiatric Episode stopped. Other drugs like ethambutol and levofloxacin may causing psychotic Problem was also ommited because there was no relapse of Acute Psychiatric Episode. His Mental Health becomes normal after stopping the treatment of Capsule cycloserine. However, we conclude that no other anti-tubercular drug accelerated the psychiatric effects of cycloserine.  |
| Keyword:  | extensively drug-resistant tuberculosis (XDR-TB), Acute Psychiatric Episode, Cycloserine  |
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