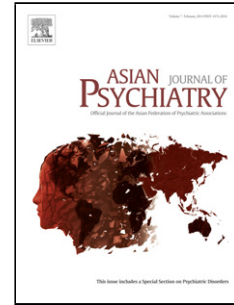


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Effectiveness of add-on L-Methyl folate therapy in a complex psychiatric illness with MTHFR C677 T Genetic Polymorphism

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Abstract

The 5, 10-methylenetetrahydrofolate reductase (MTHFR) gene plays a central role in folate metabolism. Many studies have demonstrated an association between MTHFR C677T variant with depression, schizophrenia and bipolar disorder as one of them being comorbid to other. This has justified the use of folate supplement in psychiatric disorders mainly depression but still not in various other comorbid complex psychiatric disorders. Here we have tried to show how the L-methylfolate in conjunction with the conventional psychotropic drugs can be useful in a state of such complex psychiatric phenomenon and comorbid diagnosis with genetic polymorphism of MTHFR C677T mutation.

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