

Dated: 12 Dec 2019

COVER LETTER

We are writing to apply for NTC number for our project titled:

“Synergistic effect of Vitamin E and Vitamin D in reducing risk of side effects associated typical anti-psychotics and improvement of psychiatric illness”

This particular research was designed as severe mental stress and psychotic illness are becoming alarming and treatment therapy induces serious side effects like weight gain, change in lipid profile and high blood pressure etc. There are severe side effects associated with atypical antipsychotics, especially with widely used olanzapine, quetiapine and risperidone. Vitamin D and Vitamin E are well known for their anti-oxidant activity. In our study we have emphasized the synergistic effects of Vit D and Vit E administered with atypical anti psychotics in reducing the side effects and to evaluate the improvement in the disease. For evaluation, Serum glutathione peroxidase (GPx) and super oxide dismutase (SOD) were examined by colorimetric method. Tumor necrosis factor alpha (TNF- α) and interferon- γ levels were analyzed by PCR whereas serum lipid profile was assessed by commercially available kits. Improvement in illness was measured through Positive and Negative Syndrome Scale score (PANSS)

We are in process of this clinical trial registration and would be happy to hear a positive response.

Regards

Dr. M. Abid

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