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Effect of antipsychotics on mood stabilization

M. V. Rama Rao¹ and K. Jyothsna^{2*}

¹Department of Microbiology, Bhaskar Medical College, Moinabad, Andhra Pradesh, India

²Department of Pharmacology, Bhaskar Medical College, Moinabad, Andhra Pradesh, India

ABSTRACT

Psychiatric disorders are some of the most common illnesses. These are disorders but not diseases. It is to prove importance of over the counter medicines (Paracetamol 650mg) over atypical antipsychotics. Further research is going on in the institute.

Key words: Paracetamol, Atypical antipsychotics, mood stabilization

INTRODUCTION

Psychiatric disorders are some of the most common illnesses. These are disorders but not diseases. Symptoms will stabilize with different disorders and different medications. Advances in drug treatment have revolutionized the practice of psychiatry over the past six decades. The different treatments as antidepressants, antipsychotics, mood stabilizers, antianxiety and sleep disorders, drugs for dementia and drugs for attention deficit/hyperactivity disorders. In depression there is low mood to compensate for that adaptive mechanism is the elated mood, high mood and mood swings will be there.

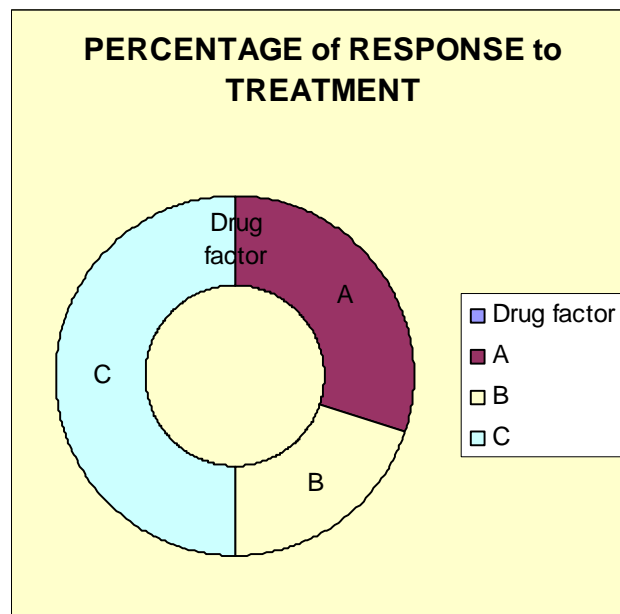
MATERIALS AND METHODS

It is open labeled, two sequence, comparative case control study. 100 patients with mild depression were taken. They have only mood instability. No social withdrawal nor cognitive impairment. 100 controls were taken. They are 25yrs to 45yrs age group. Both 40 males and 60 females with 50kg body weight were taken in to trial.

This trial was conducted in Bhaskar Medical College, Pharmacology department. No withdrawals in study. The test group includes Quetiapine 10mg and Aripazole 30mg were given for 3 months. There is improvement in the mood and cognitive function in this group. Another group paracetamol 650mg is given. Statistical analysis was done by paired t-test.

RESULTS

There is improvement in the cognitive function in test group by 60% than nonusers, combination of Quetiapine 10mg and Aripazole 30mg. In control group with Paracetamol 650mg there was no improvement in cognitive function ($p < 0.05$) but there was improvement in peacefulness and mood stabilization by 85% is of $p < 0.001$.



DISCUSSION

Psychiatric disorders are dynamic disorders. They require medical and psychological therapy and proper home atmosphere (Behavioural therapy). The drug alone has not given any result. The combination of atypical antipsychotic Quetiapine 10mg and Aripiprazole 30mg causes mood stabilization and improvement in the intellectual. The performance after stoppage of therapy for 3 months is considerable.

Paracetamol 650mg improved emotional stability. Gradual improvement in withdrawal from social behaviour. Along with Quetiapine 10mg and Aripiprazole 30mg and alone as maintenance therapy for 2 months.

They showed better results than standard therapy. Research is further going on.

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