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RISPERIDONE AND OLANZAPINE IN TREATMENT OF DELUSIONAL DISORDERS

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Delusional disorders are severe psychotic disorders with characteristic non-bizarre delusions often organized in permanent delusional system.

Aim: To estimate efficacy of risperidone and olanzapine in treatment of DD.

Methods: 135 patients with DD were divided into Haloperidol-control (41), Risperidone (49) and Olanzapine group (45 patients). Patients were observed for 6 months according to protocol, which included PANSS Scale and CGI1-4 Scale. Control group was treated with haloperidol 5-30mg/24h. Experimental groups were treated with risperidone 2-6mg/24h and olanzapine 10-20mg/24h.

Results: Pretrial PANSS score was 57.28 in risperidone(R), 60.47 in olanzapine(O) and 58.45 in control(H) group. PANSS score after 180 days was 34.32 in R, 35.58 in O and 37.97 in H group. There was no statistical difference in pretrial scores for PANSS ($p=0.691$), CGI1 ($p=0.733$), CGI2 ($p=1.000$), and CGI3 ($p=1.000$) scores. There was statistical significance in PANSS and CGI1-4 score reduction after 180 days in all groups ($p=0.000$). There was no statistical difference in PANSS score reduction between R and H ($p=0.114$) and O and H group ($p=0.136$). CGI1-4 scores reduction: CGI1, Rvs.H, $p=0.019$ and Ovs.H, $p=0.032$ with high statistical significance; CGI2, Rvs.H, $p=0.153$ and Ovs.H, $p=0.179$ with no statistical significance; CGI3, Rvs.H, $p=0.183$ and Ovs.H, $p=0.161$ with no statistical significance; CGI4, Rvs.H, $p=0.000$ and Ovs.H, $p=0.000$ with high statistical significance. Adverse effects were significantly lower in Risperidone (21.42%) and Olanzapine (21.81%) than in Haloperidol (57.5%) group.

Conclusion: Risperidone and Olanzapine have slightly better efficacy in treatment of DD comparing to haloperidol, with statistically significant lower adverse effects rate.