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What are adjunctive GABA-acting agents?

A supplementary, or adjunctive, treatment is administered in conjunction with a patient's ongoing antipsychotic therapy. Adjunct medications prescribed to treat side effects of antipsychotic medication may contribute to increasing adherence to antipsychotic medications and reduce the risk of psychotic relapse. GABA (gamma-aminobutyric acid) is a common neurotransmitter in the brain, and GABA-ergic neurons are thought to interact with antipsychotic medications, contributing to side effects such as tardive dyskinesia¹. GABA-acting medications, such as baclofen, progabide, or sodium valproate, may contribute to increasing the activity of GABA neurons, potentially leading to reduced medication side effects.

What is the evidence for GABA-acting agents?

Moderate quality evidence suggests a small benefit of GABA-acting agents for tardive dyskinesia, with no benefits for mental state or study retention. There may be more sedation and dizziness with GABA-acting agents than with placebo.

For more information see the technical table



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NeuRA (Neuroscience Research Australia) is one of the largest independent medical and clinical research institutes in Australia and an international leader in neurological research.

Diseases of the brain and nervous system pose the greatest health, economic and social burden of any disease group because they are chronic, debilitating and have no known cures.

Medical research is the cornerstone of efforts to advance the health and wellbeing of families and the community. Our dedicated scientists are focussed on transforming their research into significant and practical benefits for all patients.

While we hope you find this information useful, it is always important to discuss any questions about schizophrenia or its treatment with your doctor or other health care provider.

HOW YOUR SUPPORT HELPS

We are able to make significant advances due to the generosity of countless people. Your donation allows us to continue to work towards transforming lives. For information on how you can support our research, phone **1300 888 019** or make a secure donation at neura.edu.au/donate/schizophrenia.