

Poster

2025年9月25日(木) 15:00 ~ 16:00  Poster Session (Foyer 2)

## Poster 6

### [P-6-05] Electroconvulsive therapy in concert with drug therapy : A narrative review

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キーワード : Electroconvulsive Therapy (ECT)、Pharmacotherapy management、Maintenance therapy

**Introduction:** While electroconvulsive therapy (ECT) is effective for treatment-resistant depression and schizophrenia, medications are commonly prescribed along with the course of ECT. Although the medications are necessary for treatment of the illnesses, they may affect seizure quality and side effects from the ECT. However, evidences and studies regarding pharmacotherapy during the course of ECT is scarce. Thus, we aimed to review existing literature regarding drug therapy in concert with the ECT.

**Methods:** A narrative review was performed with each class of psychotropic medications.

Medication classes including anticonvulsants, antidepressants, antipsychotics, benzodiazepines, and mood stabilisers were reviewed.

**Results:** Before ECT, certain anticonvulsants, benzodiazepines, and mood stabilisers should be reviewed and adjusted due to their effects on seizure or side effects. Antidepressants and antipsychotics can be continued with monitoring. 63.41% of patients with schizophrenia kept symptom improvement for 12 months with maintenance therapy with antipsychotics.

**Conclusion:** Continued study regarding medication during the course of ECT is warranted.