therapeutic levels (2.5-15mcg/ml), it has been reported that Lamotrigine is neuroprotective and improves cognition. At the time of overdose, our patient had a Lamotrigine level of 21.5mcg/ml. There is limited literature on cognitive effect of supra-thrapeutic levels of Lamotrigine. As such, a causal relationship cannot be determined from a single care report. Also in differentials to consider are schizophrenia and seizures from lamotrigine withdrawal.

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## Improvements in Clinical Global Impression of **Change With Deutetrabenazine Treatment in** Tardive Dyskinesia From the ARM-TD and AIM-TD **Studies**

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ABSTRACT: Introduction: Tardive dyskinesia (TD) is an involuntary movement disorder that is often irreversible, can affect any body region, and can be debilitating. In the ARM-TDand AIM-TD studies, deutetrabenazine treatment demonstrated statistically and clinically significant reductions in Abnormal Involuntary Movement Scale (AIMS) scores at Week 12 compared with placebo (primary endpoint).

**OBJECTIVE**: To evaluate the efficacy of deutetrabenazine, as measured by the Clinical Global Impression of Change (CGIC) scale, in patients with TD from the pooled ARM-TDand AIM-TD (24 and 36 mg/day doses) data sets, as compared with the pooled placebo cohort.

METHODS: ARM-TD and AIM-TD were 12-week, randomized, double-blind, placebo-controlled studies that evaluated the safety and efficacy of deutetrabenazine for thetreatment of TD. The key secondary endpoint of each study was the proportion of patients "much improved" or "very much improved" (treatment success) at Week 12 on theCGIC.

**RESULTS**: At Week 12, the odds of treatment success among patients treated with deutetrabenazine (n = 152) was more than double that of patients given placebo (n = 107; odds ratio: 2.12; P = 0.005). In a categorical analysis of CGIC ratings, patients treated with deutetrabenazine showed greater improvement than patients given placebo (P = 0.003). Patients treated with deutetrabenazine also had a significantly better treatment response than those given placebo (least-squares mean CGIC score treatment difference: -0.4; P = 0.006).

CONCLUSIONS: Deutetrabenazine treatment led to statistically and clinically significant improvements in TD symptoms based on the CGIC result, suggesting that clinicians were able to recognize the benefit in patients treated with deutetrabenazine.

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## **Use of Pimavanserin in Combination With** Selective Serotonin Reuptake Inhibitors (SSRIs)

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ABSTRACT: Study Objective: Psychosis is common in Parkinson's disease (PD) and increases in both frequency and severity with disease duration. It is associated withincreased morbidity/mortality, complicates management of motor symptoms and often leads to long-term care placement. Pimavanserin is a selective 5-HT2A inverse agonist/antagonist approved in the U.S. for treatment of hallucinations and delusions associated