

## Fact Sheet: Aripiprazole Monohydrate

Drug:	Dosage	Tmax (Days)	T ½ (Days) Multiple Dosing	Loadable?
Aripiprazole Monohydrate (saline base)	300 - 400 mg/4 weeks	6.5 - 7.1	29.9 - 46.5	Yes

- TGA / dopamine partial antagonist
- Do **NOT** load with Maintena® if the patient is not symptom-free (stabilized) for at least 8 to 12 weeks on prescribed oral (PO) aripiprazole.
- **IMPORTANTLY**, because of its long half-life, an LAI formulation of aripiprazole should be used only if the patient is a proven responder to dopamine partial agonists.
- Use of an LAI formulation of aripiprazole in dopamine antagonist responder will result in **destabilization** of the patient and a prolonged period during which D2 antagonists are unable to bind to the target receptors.

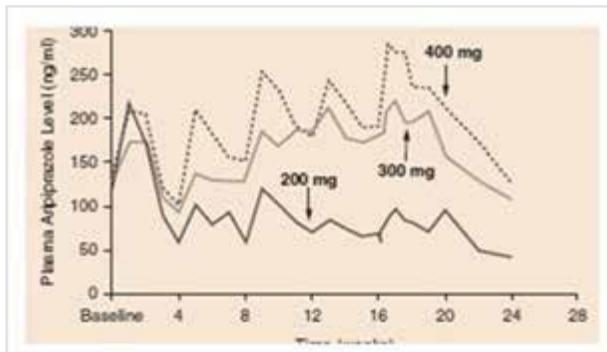
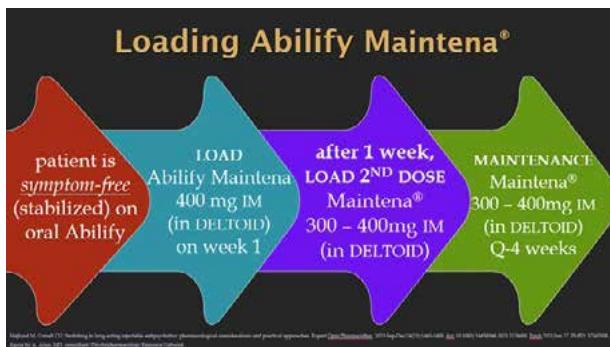


Figure 1. Kinetic profile of aripiprazole monohydrate with 2 weeks of oral aripiprazole 10 mg/day overlap.

Aristada Initio® is only used as an initial dose. **Ability Asimtufil®/Aristada®** should be reserved for patients on stable doses of Maintena® for  $\geq 4$  months.



average expected plasma level = 11 x oral dose (mg/day)

Antipsychotic	Optimal trough plasma level
Aripiprazole	110 - 500 ng/ML

- Ability Maintena® 300 mg IM monthly = aripiprazole 15 mg PO daily
- Ability Maintena® 400 mg IM monthly = aripiprazole 20 mg PO daily

### References

1. DSH Psychotropic Medication Operational Procedures, Chapter 9. Depot Antipsychotic Medications.
2. Meyer JM Stahl's Handbooks: The Clinical Use of Antipsychotic Plasma Levels; <https://doi.org/10.1017/9781009002103>
3. Højlund M, Correll CU. Switching to long-acting injectable antipsychotics: pharmacological considerations and practical approaches. Expert Opin Pharmacother. 2023 Sep-Dec;24(13):1463-1489. doi: 10.1080/14656566.2023.2228686. Epub 2023 Jun 27. PMID: 37345508.

Funding for SMI CalAdviser was made possible by the State of California Department of State Hospitals (DSH) (the Department), but does not necessarily represent the views of the Department or any of its employees except to the extent, if any, that it has formally been approved by the Department.