

Medication Adherence to Antipsychotics

Clinical Considerations:

- Per our most recent pharmacy claims data, the patients listed below appear to be nonadherent per pharmacy data with medication access less than 80% of the time in the past 6 months. The Proportion of Days Covered (PDC) is calculated as the ratio of number of days the patient has at least one antipsychotic medication to the number of days in the time period.
- The majority of experts believe the average patient with schizophrenia or bipolar disorder only takes 51-70% of their prescribed medication.
- Missing as few as 1-10 days of medication nearly doubles the risk of hospitalization.

Potential Actions:

- Work with the patient to understand the root cause of non-adherence and offer education emphasizing the importance of taking their medications as prescribed.
- Consider a change in therapy to a long-acting injectable to improve adherence and patient outcomes.
- Use medication reminder tools to prompt the patient to take their medication or consider a once daily regimen that may improve adherence.

References

1. Offord S., Mirski D., et al. (2013). Impact of Early Non-Adherence to Oral Antipsychotics on Clinical and Economic Outcomes Among Patients with Schizophrenia. *Adv Ther.* 30 (3): 286-297.
2. Velligan D., Weiden P., Sajatovic M, et al. (2009). The Expert Consensus Guideline Series: Adherence Problems in Patients with Serious and Persistent Mental Illness. *J Clin Psychiatry.* 70 (Suppl 4): 1-46.

Patient Name	Birth Date	Medication Name	Fill Dates	Last Quantity	Last DOS	PDC	Prescriber Name
TEST_PT_A	1980-01-01	INVEGA 156 MG /ML INJECTION	2023-02-27 2023-01-18	1	28	54.0	DOCTOR SMITH
TEST_PT_B	1980-01-01	ARIPRAZOLE 10 MG ORAL TABLET	2023-04-26 2023-04-01 2023-03-05 2023-02-08 2022-12-07 2022-11-03	30	30	79.0	DOCTOR SMITH
TEST_PT_C	1980-01-01	ARIPRAZOLE 10 MG ORAL TABLET	2023-01-06 2022-12-05	30	30	78.0	DOCTOR SMITH
TEST_PT_C	1980-01-01	OLANZAPINE 10 MG ORAL TABLET	2023-04-04 2023-03-08	30	30	78.0	DOCTOR SMITH
TEST_PT_C	1980-01-01	RISPERIDONE 0.5 MG ORAL TABLET	2023-04-04 2023-03-08	60	30	78.0	DOCTOR SMITH
TEST_PT_D	1980-01-01	ARIPRAZOLE 5 MG ORAL TABLET	2023-02-02	30	30	68.0	DOCTOR JONES
TEST_PT_D	1980-01-01	ARIPRAZOLE 2 MG ORAL TABLET	2023-02-28	30	30	68.0	DOCTOR SMITH
TEST_PT_E	1980-01-01	ARIPRAZOLE 5 MG ORAL TABLET	2023-01-03 2022-12-06 2022-11-03	30	30	50.0	DOCTOR SMITH
TEST_PT_E	1980-01-01	ARIPRAZOLE 15 MG ORAL TABLET	2023-01-12 2022-11-25	30	30	73.0	DOCTOR SMITH
TEST_PT_E	1980-01-01	LATUDA 40 MG ORAL TABLET	2023-02-14 2023-01-19	30	30	73.0	DOCTOR JONES
TEST_PT_E	1980-01-01	VRAYLAR 4.5 MG ORAL CAPSULE	2023-03-07	30	30	73.0	DOCTOR JONES