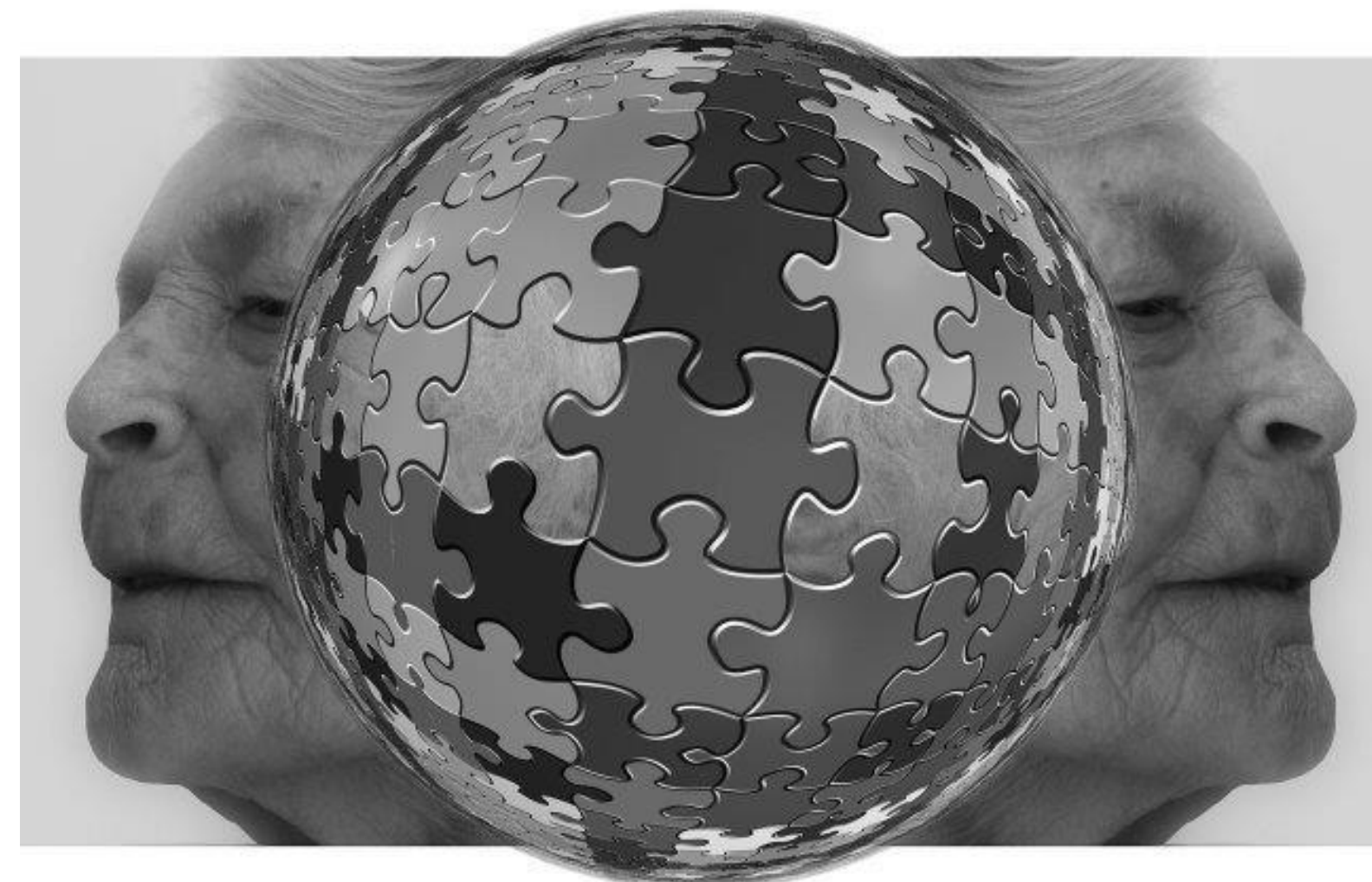


Behavioral screening using the NPI-Q tool to assess appropriateness of antipsychotic prescribing practices in patients with dementia: A Quality Improvement Project



Purpose

To decrease inappropriate antipsychotic medication prescribing in patients with BPSD in a primary care practice, based on the APA practice guidelines.

Background

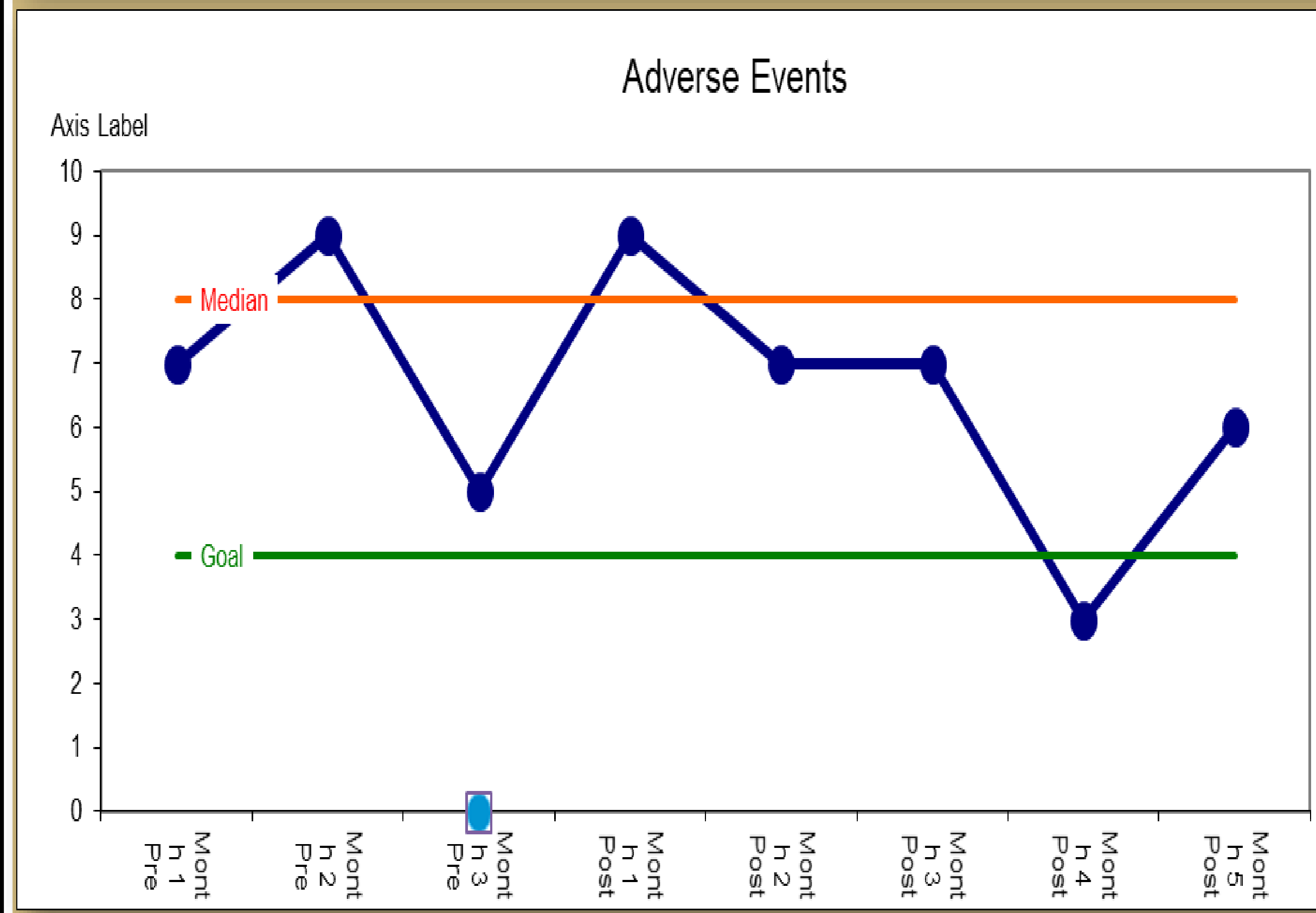
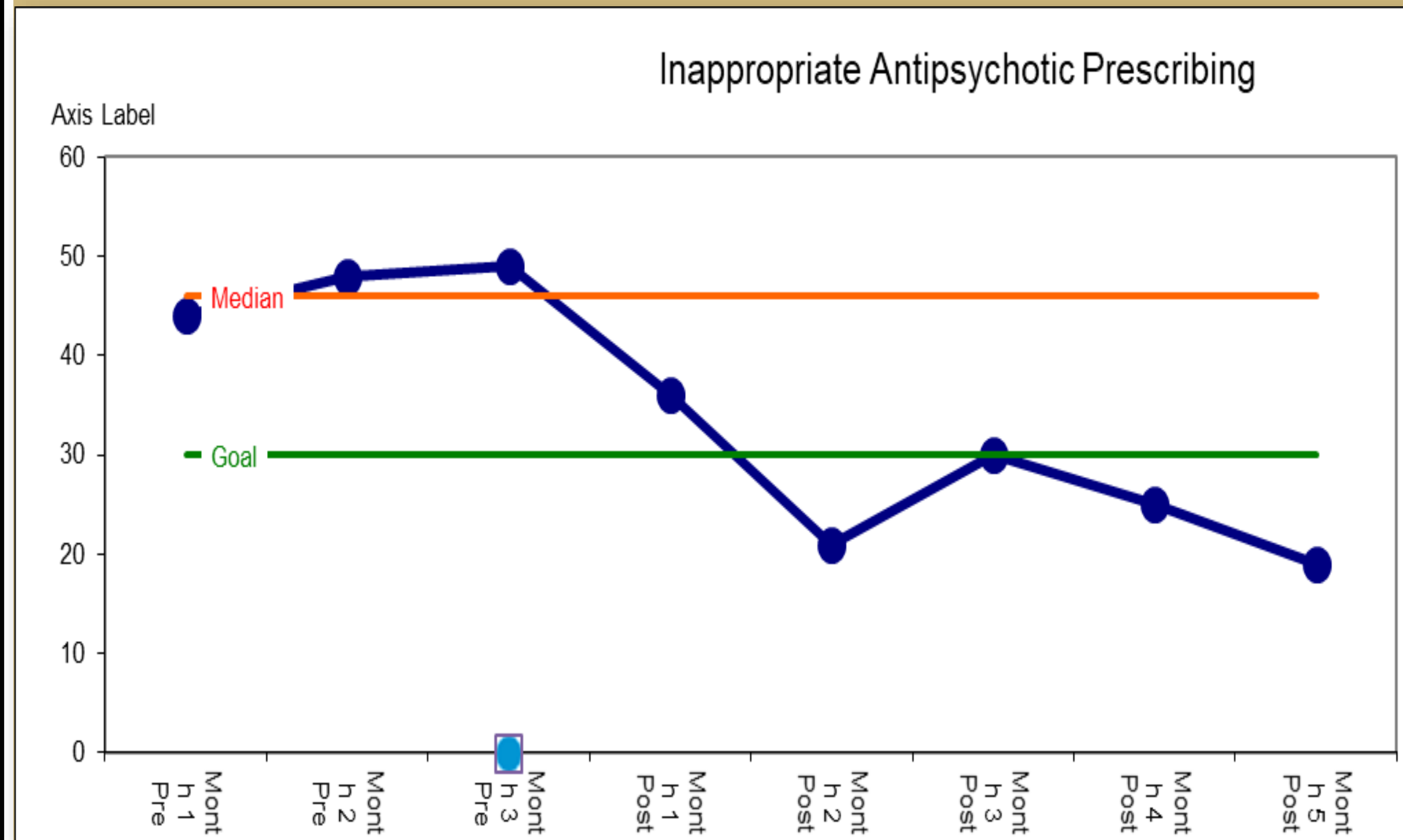
↑ Rates of dementia = ↑ Antipsychotic prescribing = ↑ costs of 13 billion annually

↑ Risk of death (54%) related to heavy side effect profile of antipsychotics

“Appropriate” prescribing practices established through the APA clinical guidelines on treating BPSD

↓ Strategies to reduce inappropriate prescribing in primary care

Results



Methods

- IHI model driven QI project
- NPI-Q tool ~ chosen intervention
- 8 providers participated
- 87 patients eligible for screening
- Measures were developed and analyzed using run charts.

Conclusion

Goal outcome measures were achieved through provider education and utilization of the NPI-Q tool.

- Inappropriate prescribing was reduced from a baseline of 45% to 19%.
- Adverse events were reduced from a baseline of 9% to 6%.