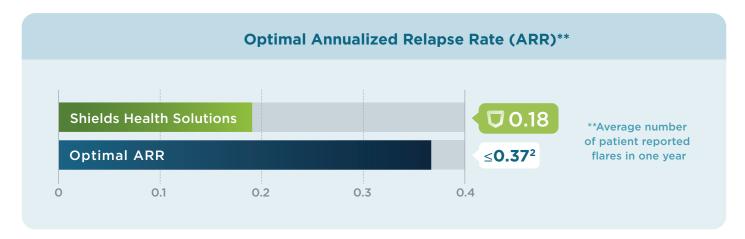


SHIELDS NETWORK OUTCOMES\*

## Multiple Sclerosis (MS)

MS is a chronic, autoimmune disease of the central nervous system, affecting the communication between the brain and other parts of the body. While there is currently no cure for MS, establishing and following a treatment plan is the best way to manage the disease and enhance quality of life. Treatment plans often include medications to prevent the number of relapses and help treat symptoms.<sup>1</sup>

## What We Measure





Patient Reported Treatment Efficacy 94%

Of patients report feeling very well or well about how their specialty medication is working



Adherence\*\*

94% 80% Benchmark<sup>3-6</sup>

Of patients receive and take medications on time

## Why It Matters

Reducing the number of flares over time can delay the progression of disability and neurologic dysfunction.<sup>2</sup> If a patient reports a relapse, our pharmacists will evaluate the EMR to determine if the event could be due to medication-related concerns, such as non-adherence. Pharmacists can intervene with the patient and provider to resolve any medication issues and coordinate care to address the relapse. Measuring absenteeism and adherence is crucial in identifying gaps in care, ensuring timely interventions, and improving overall health outcomes.

- 1."Multiple Sclerosis FAQ." National Multiple Sclerosis Society, https://www.nationalmssociety.org/What-is-MS/MS-FAQ-s#question-Can-MS-be-cured Accessed December 5, 2024.
- 2. Montalban X. Review of methodological issues of clinical trials in multiple sclerosis. J Neurol Sci. 2011; 311(Suppl. 1): S35–S42
- Pardo G, Pineda ED, Ng CD, Bawa KK, Sheinson D, Bonine NG. Adherence to and persistence with disease-modifying therapies for multiple sclerosis over 24 months: a retrospective claims analysis. Neurol Ther. Published online. January 12, 2022, doi:10.1007/s40120-021-00319-3.
- Halpern R, Agarwal S, Dembek C, Borton L. Comparison of adherence and persistence among multiple sclerosis patients treated with disease-modifying therapies: a retrospective administrative claims analysis. Patient Prefer Adherence. 2011;5:73-84. doi:10.2147/ppa.s15702.
- 6. PQA measure overview. Pharmacy Quality Alliance. Published 2024. Accessed October 21, 20

Shields Health Solutions Network includes data from a collective of member health systems that partner with Shields to elevate an integrated specialty pharmacy model.

All metrics are reflective of data collected in 2024

<sup>\*\*</sup> Adherence is measured by the proportion of days covered (PDC)