This is a single-center, retrospective, cohort study of MS patients at the VUMC MS Center, along with present data on medication adherence rates of patients on self-administered immunomodulatory therapy using VSP.

**OBJECTIVE**

The objective of this study is to describe the dynamic role clinical pharmacists play in the multidisciplinary care of MS patients at the VUMC MS Center, along with present data on medication adherence rates of patients on self-administered immunomodulatory therapy using VSP.

**METHODS**

This is a single-center, retrospective, cohort study of MS patients receiving a self-administered DMT through VSP between January 2016 and December 2016.

**Endpoints**

- **Primary endpoint:** Medication adherence, as measured by Medication Possession Ratio (MPR) and Proportion of Days Covered (PDC)
- **Secondary endpoints:** Percent of patients achieving adherence above the industry standard of 80%, and average patient out of pocket (OOP) cost for DMTs.

**Study Population**

- ICD-10-CM code of G35 (Multiple Sclerosis).
- At least three prescription claims through VSP for one or more of the self-administered DMTs between January 2016 and December 2016.