Managing the side effects of medications to improve long-term outcomes is an important component of treatment for patients with multiple sclerosis (MS). With 17 disease modifying therapies (DMTs) currently available in the US and more in clinical trials, the potential for adverse events has increased. It is important that clinicians are aware of the mechanism of actions and specific side effects of each type of medication. Monitoring adverse events in patients who take DMTs is an essential part of caring for a patient with MS and clinicians should be aware how to manage and treat them. In this presentation, the most common and serious side effects of the current FDA-approved DMTs will be reviewed, as well as the available monitoring tools and treatment recommendations that a clinician may utilize to address them.