**Supplemental Figure 1:** Inclusion and exclusion criteria for patients in pediatric MOGAD imaging cohort.

**Supplemental Figure 2**: Categories of imaging features that were scored and examples of lesions that fell within different stratification categories.

**Supplemental Figure 3**: Imaging phenotypes in each patient at presentation and relapse. Each line represents an individual patient. The majority of patients manifested change in phenotype at relapse.





