BACKGROUND

- Adherence to specialty medication is crucial in controlling rare chronic conditions and achieving desired clinical outcomes.
- Proportion of days covered (PDC), a commonly used calculation to assess adherence using pharmacy claims data, does not account for appropriate reasons a patient may appear nonadherent.
- Vanderbilt Specialty Pharmacy is systematically addressing nonadherence through a multi-phase project. Phase I evaluated rates of adherence across clinics.

METHODS

- Single-center, retrospective chart review.
- 1059 patients with PDC of <80%, between March 2017 and March 2018.
- 10% sample (n=105) generated by random numerical assignment in Excel.

RESULTS

- Average rate of nonadherence (PDC <80%): 12.6%
- Proportion of days covered (PDC), a commonly used calculation to assess adherence using pharmacy claims data, does not account for appropriate reasons a patient may appear nonadherent.

OBJECTIVE

Assess patient reasons for nonadherence, as calculated by PDC, to specialty medication at an integrated specialty pharmacy.

FUTURE DIRECTIONS

- Future research is planned to use targeted pharmacist-driven intervention to identify and overcome reasons for unintentional nonadherence.
- The goal is to evaluate the impact of an adherence intervention on adherence rates for nonadherent patients.