

# Clinical Pathways as a Platform to Support Clinical Research

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## Background

Clinical trials are essential to advancing cancer care; however, actual patient accrual rates generally fall well below the Institute of Medicine's stated goal of 10% of all newly diagnosed patients. To support the goal of increasing clinical trial accruals, Via Oncology uses its clinical pathways decision support tool, the Via Portal, to promote awareness of locally available clinical trials and provide associated analytics for its cancer center customers.

## Methods

All locally open trials appear before the pathway treatment recommendation

If not accruing patient to trial, provider must select a reason

Secure emails are automatically sent to trial coordinators if the provider wants the patient to be screened

Via Oncology works continuously with each cancer center to identify and embed their specific clinical trials in the applicable disease within the Via Portal. In their daily practice, providers navigate the Portal by entering information about each patient's specific state and stage of disease. If a clinical trial is locally available anywhere within the cancer center's network, that trial is presented as the first treatment recommendation before any standard of care pathway recommendations. Links to trial-specific documents are also presented. If the provider thinks that the patient may be appropriate for that trial, a secure email notification is generated for the trial coordinator. If the patient is not accruing to the trial, the provider must select the reason for non-accrual from a structured list of reasons. Additionally, the Via Portal can be interfaced with trial management systems for timely opening and closing of trials within the Portal.

### Reportable Metrics:

Accruals vs. Non Accruals  
By provider, patient presentation, trial, facility

Reasons for Non-Accrual

Trial Feasibility Measures  
Patient presentation counts by provider, facility

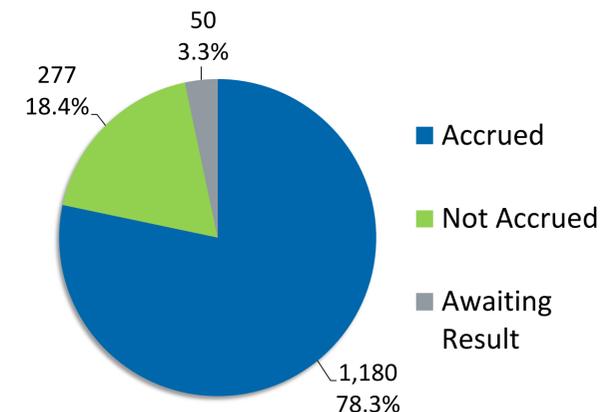
Data captured in the Via Portal from November 2014-March 2016 was retrospectively analyzed to calculate accrual rates for patients potentially eligible for a clinical trial. The distribution of reasons for not accruing patients to clinical trials was also calculated and analyzed.

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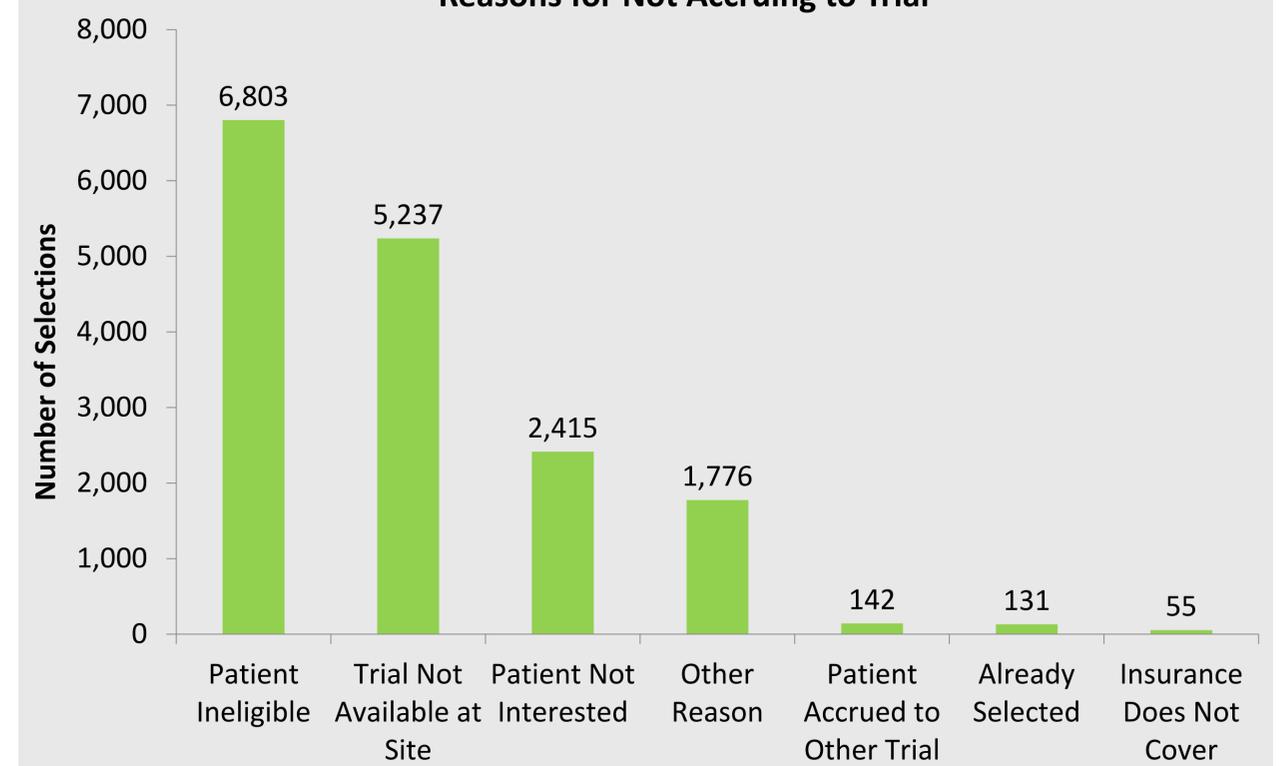
## Results

During this time period, 15,001 patients receiving active treatment had a high-level clinical presentation that matched at least one open clinical trial embedded in the Via Portal (the patients were not specifically matched for trial inclusion/exclusion criteria). Of the total, 1,507 (10.0%) of patients were documented as screened for a clinical trial. Screening results are summarized in the chart to the right. A total of 16,559 reasons for not accruing to trial were captured and are tabulated below.

### Trial Screening Results



### Reasons for Not Accruing to Trial



## Conclusions

The Via Portal acts as a tool to promote clinical trial accruals and measure reasons for non-accruals. The reasons for not accruing can provide insight into the barriers to accrual that patients and practices face. Additional reasons could be defined in the future to understand other reasons for non-accrual.