### Study Long Title
A Multicenter, Placebo-Controlled, Double Blind, Randomized Trial Evaluating the Role of Oral Glutathione on Growth Parameters in Children with Cystic Fibrosis

### Short Name
GROW - Glutathione in Young Children

### Specimens Currently Available to Other Researchers
Not Yet

### Current Study Status
Enrolling

### Study Timeline Metrics
<table>
<thead>
<tr>
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<th>Planned</th>
<th>Actual (Sponsor)</th>
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<tbody>
<tr>
<td>Begin Enrollment</td>
<td>04/01/2017</td>
<td>07/05/2017</td>
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<td>Complete Enrollment</td>
<td>06/01/2018</td>
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<tr>
<td>Study Complete</td>
<td>12/01/2018</td>
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### Number of Patients Planned
60

### General Study Information

#### Study Type
Interventional

#### Intervention Type
Nutritional-GI Therapies

#### Study Drug (Primary)
Glutathione

#### Control Type
Placebo

#### Blinded
Yes

#### Randomized
Yes

#### Duration of Subject Participation
6 Months

#### Endpoints Evaluated
Blood Inflammatory Mediators, Growth

#### Trial Specific Link on ClinicalTrials.gov
[https://clinicaltrials.gov/ct2/show/NCT03020719?cond=cystic+fibrosis&intr=glutathione&rank=2](https://clinicaltrials.gov/ct2/show/NCT03020719?cond=cystic+fibrosis&intr=glutathione&rank=2)

### Eligibility Criteria

#### Age
24 Months to 10 Years

#### FEV1
No FEV1 requirement

#### P. aeruginosa status
Not Applicable

#### B. cepacia status
Not Applicable

### Other Primary Eligibility Requirements
Participants must have a weight-for-age between the 10th and 50th percentiles at screening.

### Biorepository Specimen Information

#### General Specimen Information
The purpose of this randomized, placebo-controlled study is to evaluate the effects of oral glutathione on growth in children with CF. Plasma and stool are being banked for this study.

#### Visit # | Time from Baseline | Specimens Collected
--- | --- | ---
2 | +0 Days | EDTA plasma, stool
3 | +12 Weeks | stool
4 | +24 Weeks | EDTA plasma, stool