

## **The impact of a SARS-CoV-2 infection and other pandemic related measures on asthma and COPD control**

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The overarching goal of this proposal is to characterize the impact of COVID-19 on children and adults with chronic obstructive lung disease (OLD). We will primarily focus on the impact of contracting the SARS-CoV-2 infection itself, but will also investigate the effects of pandemic associated changes in clinical care and public health measures on asthma and COPD control. We intend to leverage an online symptom-tracking platform already built by our team (COVIDSentinel) to follow a cohort of children with asthma and adults with chronic obstructive pulmonary disease (COPD).