

# INTERNATIONAL SEVERE ASTHMA REGISTRY **ISAR**

The International Severe Asthma Registry (ISAR) is a collaborative initiative set in motion to create the first ever standardised non-drug specific severe asthma registry globally. The close collaboration between Optimum Patient Care (OPC) Global and the Respiratory Effectiveness Group (REG), has set ISAR well on its way to surpass the initial goal of recruiting 10,000 severe asthma patients from 14 countries in 5 years. In ISAR's inaugural year alone, over 5,000 patients data have been shared for ethically approved research, and 29 countries have registered their interest to participate. Further highlights from ISAR's first year include:

◆ **The ISAR Steering Committee (ISC)** - now made up of 34 members across 29 countries. Our collaborators and steering committee members have met five times during key respiratory conferences in 2017 and 2018, including the REG summit.

◆ **Real-life electronic capture systems (REDCap, CISIV, OpenClinica)** - multiple data capture systems supported to accommodate the preferences and requirements unique to each country.

◆ **Enhanced data capture** - now supporting enhanced data capture to facilitate future safety and effectiveness research in severe asthma globally.

◆ **Academic research outputs** - 8 academic datasets have now been prioritised for delivery by ISAR collaborators in the coming year:

1. Safety and Efficacy of Switching Biologics
2. Hidden Severe Asthma Patients in Primary Care
3. Assess the Overlap (reliability) of Collected Biomarkers
4. Identify Predictors (e.g. biomarkers) of Response to Biologics
5. The Role of Exacerbations on Lung Function Trajectory
6. Hidden Chronic Asthma within the COPD/ACO Population
7. Onset of Asthma in Severe Asthma patients
8. Association between Low Socioeconomic Status and Asthma Severity

◆ **Publications planned for 2018** - ISAR publication lead, Ruth Murray will be focusing on the following core publications from ISAR in 2018:

1. "Development of the international severe asthma registry (ISAR): a modified Delphi study" - describes the Delphi process used to determine the minimum set of core variables that all countries participating in ISAR will collect. This will soon be published in JACI In Practice.
2. "International Severe Asthma Registry (ISAR): Mission Statement"
3. "Demographic and Clinical Characteristics of Severe Asthma Patients Worldwide"
4. "Global Inventory of Severe Asthma Registries" - showcasing data fields of all severe asthma registries

For further information regarding this exciting initiative please visit the ISAR website: [www.isaregistries.org](http://www.isaregistries.org)