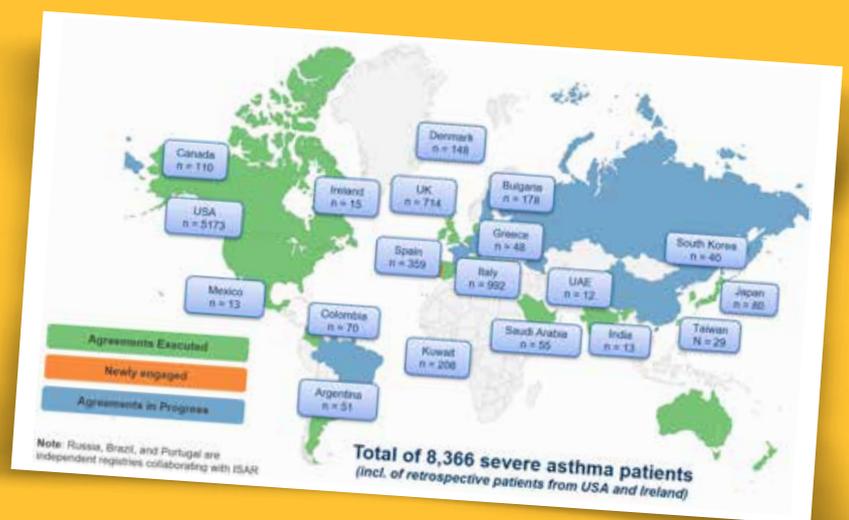


INTERNATIONAL SEVERE ASTHMA REGISTRY **ISAR**

◆ ISAR So Far

The International Severe Asthma Registry now houses data from 8,366 patients with severe asthma from 18 countries. In 2019, ISAR has expanded dramatically with the execution of 12 country agreements. With the current momentum, we are actively collaborating with 22 registries and in discussions to initiate partnerships with 12 more countries! (see figure)



◆ ISAR Publication

Updates:

ISAR has published its first dataset in CHEST fulfilling the Global Asthma Report's ambition for ongoing asthma monitoring worldwide. This study provides the first description of an international managed severe asthma population and facilitates a comparison of demographic and clinical characteristics across-country and health care systems. Click [here](#) to read the full article.

ISAR's mission statement has also been published in CHEST. Click [here](#) to discover more about ISAR; what it is, what it does and what makes it different from other severe asthma registries. Learn about our aims and aspirations for the future, and ISAR's key strengths which will ensure those aims become a reality.

The ISAR protocol was recently submitted to BMC Medical Research Methodology.

Two ISAR manuscripts, ISAR Inventory and Hidden severe asthma in primary care UK are currently being drafted and will be submitted in Q1 2020. The ISAR Inventory publication aims to compare all existing severe asthma registries to the ISAR variables. We are open to include any additional countries, even those that have not collaborated with ISAR. If your country's

severe asthma database or registries are interested, please contact us on our [website](#).

A big thank you to all our ISAR authors and contributors who have given of their time and expertise to ensure each ISAR publication is of the highest calibre.



◆ ISAR website

The ISAR website has had a facelift. It now contains a new "Dissemination" tab for the latest news on ISAR abstracts and publications, and a "FAQ" tab which provides answers to frequently asked questions about ISAR.

www.isaregistries.org

ISAR Abstracts in ATS 2020

Over 50 severe asthma leads from across the world came together during the REG Summit to discuss the progress and identify next key steps to deliver the ISAR international research projects within their study Working Groups.

ISAR received 22 research proposals from over 10 countries during the annual research prioritization exercise. The top five research topics for delivery in 2019 were prioritized by the ISC.

ABSTRACT TITLE	PRESENTATION TYPE:	PRESENTATION DATE:	PRESENTATION TIME:
Characterization Of Eosinophilic And Non-eosinophilic Severe Asthma Phenotypes And Proportion Of Patients With These Phenotypes In The International Severe Asthma Registry (ISAR)	Poster Presentation	Tuesday May 19, 2020	9:15 - 11:15
A Global Survey Of Blood Eosinophil Distribution In Severe Asthma Patients: Data From The International Severe Asthma Registry (ISAR)	Poster Presentation	Tuesday May 19, 2020	9:15 - 11:15
Biomarker Relatability In The International Severe Asthma Registry	Poster Presentation	Tuesday May 19, 2020	9:15 - 11:15
Global Access For Biologics In The Treatment Of Severe Asthma: A Challenge To Personalized Medicine	Oral Presentation	Tuesday May 19, 2020	14:15 - 16:15
Biologic Utilization Patterns: Data From The International Severe Asthma Registry (ISAR)	Poster Presentation	Wednesday May 20, 2020	13:00 - 15:00
The Impact Of Exacerbation Burden On Lung Function Trajectory In A Broad Uk Asthma Population: A Large Longitudinal Cohort Study	Oral Presentation	Wednesday May 20, 2020	8:45 - 10:45

FRIDAY, 20TH MARCH 2020 @ 13:30 - 14:15

ISAR SYMPOSIUM

CHAIR: DAVID PRICE

- Intro/Background – ISAR updates, Victoria Carter
- Highlights from ISAR:
 - Eosinophilic and Non-eosinophilic Phenotypes of Severe Asthma, David Price
 - The Role of Exacerbations on Lung Function Trajectory, Liam Heaney & Shay Soremuken
 - BRISAR: Biomarker Relatability in ISAR (in collaboration with Alfred hospital and Monash University), Mark Hew & Eve Denton
 - Onset of Asthma in Severe Asthma patients (in collaboration with Woolcock Institute), Sinthia Bosnic Anticevich & Naeimeh Hosseini
- New opportunities for academic research, Lakmini Bulathsinhala.
 - OCS landscape: annual consumption, prevalence outcomes and side-effects of long-term OCS
 - Characteristics of severe asthma patients with inflammatory phenotypes and low-FEV1
 - Characterization of health disparities across countries

ISAR Symposium @ REG 2020

Join us in this 45 minute session to learn more about ISAR, some projects which we will be concentrating on in 2020 and new opportunities for academic research.

Research updates

Two fully-funded 2020 Global Research Project will be prioritised and voted on during a closed session during REG 2020. These projects will be open for researchers to join and lead. Please submit your interest through our [website](#) or contact your country lead for further details. We look forward to seeing you at REG 2020!