



Annual Congress 2022 of the European Academy of Allergy and Clinical Immunology

Severity of Animal-source Food Allergy across Europe: Data from the EUROPREVALL study

(Prague, Czech Republic, 1-3 July 2022) It is known that among animal-source foods, cow's milk, hen's egg, fish and shellfish are frequent causes of allergic reactions and anaphylaxis. However, there is a gap in the knowledge regarding the severity of such reactions and if there may be differences related to the kind of food involved and the geographical location in which they occurred.

Aiming to better understand the severity of animal-source food allergy across Europe, the recently published and thoroughly validated Food Allergy Severity Score (FASS) (Fernandez-Rivas et al. Allergy 2022) was applied to the data of reported immediate reactions to milk, egg, fish, crustaceans and meats collected by the 12 allergy-referral centres from the Europrevall outpatient clinic study, which to date remains the largest cross-sectional study of food allergy in Europe.

Milk, egg, fish and crustaceans were the foods of animal origin more frequently involved in allergic reactions in this analysis, with a higher proportion of severe reactions reported with crustaceans and fish, and an overall higher degree of severity in the Reykjavik and Manchester centres.

FASS seems to be a useful tool to adequately establish the differences in severity of animal-source food allergic reactions and therefore helps to provide a clearer picture of food allergy severity in Europe.

"FASS helps us understand the spectrum of food allergy severity, an essential knowledge to guide the implementation of health policies improving the safety and quality of life of food allergic patients," says Rosalzira N. Vera-Berrios M.D, Allergy Specialist and Clinical researcher from the Allergy Research Group at the Instituto de Investigación Sanitaria Hospital Clínico San Carlos, in Madrid, Spain.

About EAACI:

The European Academy of Allergy and Clinical Immunology (EAACI) is an association of clinicians, researchers and allied health professionals founded in 1956. EAACI is dedicated to improving the health of people affected by allergic diseases. With more 13 000 members from 125 countries and over 75 National Allergy Societies, EAACI is the primary source of expertise in Europe and worldwide for all aspects of allergy.

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