

Project title: Drug Allergy - Risk management and safety in NSAIDs hypersensitivity reactions diagnosis

Type of fellowship: Clinical fellowship

Duration: 01/01/2018 – 30/03/2018

Host Institution: Allergy Department – Drug Allergy Unit, Hospital Regional Universitario, Málaga, Spain

Host Supervisor: Prof M. J. Torres

The Drug Allergy Unit of the Regional University Hospital of Malaga is a specialized Unit focused on diagnosis and management of patients suspected of drug allergy reactions.

In the daily clinical practice, we dealt an average of 8 new cases per day and an average of 12-15 patients coming for drug provocation tests (because of the time passing by the first medical examination and the drug provocation test, the clinical history of these patients was revised and discussed every time and updated when needed). One day a week, were scheduled desensitisations to chemoterapics. Moreover, occurred emergency cases and intra-hospital consultations from other departments.

For all of these reasons, during my stay, I could evaluate a large number of patients suspected of being allergic to many different drugs like antibiotics (Beta-lactam, Quinolone and others), NSAIDs, radio contrast media, anaesthetics, chemoterapics, corticosteroids, PPI etc. and I could deal with the drug allergy diagnosis and management in the everyday clinical life: collect a precise clinical history, skin testing (prick, ID, patch test), drug provocation test and nasal provocation test with lysine-aspirin (in case of NERD).

In particular, I focused on the management of patients with NSAIDs Hypersensitivity Reactions, being an important field of scientific research in the Drug Allergy Unit.

Furthermore, the Drug Allergy Unit works together with a Research Laboratory, this gave me the chance to get familiar with in vitro techniques applied to drug allergy diagnosis like Basophil Activation Test and Lymphocyte Transformation Test.

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