Genetics for people

My Pharma

PAIN

OPTIMISE AND PERSONALISE YOUR TREATMENTS THROUGH GENETICS

Personalised medicine

In a broad sense, personalised medicine could be defined as medicine specifically adapted to each individual, not thinking of a group or set within the population, but of each person, so that treatments are adjusted as much as possible to the specific individual characteristics of each patient.

This concept is linked to knowledge of the patient's genetics, since both the genome and the environment are responsible for the phenotype of the individual, which is the set of visible characteristics that an individual presents as a result of the interaction between his or her genotype and the environment.

What is MyPharma Pain for?

The MyPharma Pain test determines the presence/absence of problematic genetic variants associated with a wide range of drugs used for pain relief. This genetic information provides insight into:

- Which drug and/or at what dose offers the greatest therapeutic benefits
- Which drug and/or at what dose adverse reactions are least likely to occur

Who is MyPharma Pain for?

To all professionals who wish to develop a pharmacological treatment included in the MyPharma Pain test, and to those whose patients are already receiving treatment with one of the drugs analysed and who present adverse reactions and/or an inefficient response.

What is pharmacogenetics?

Pharmacogenetics studies genetic variability in relation to the response to a drug in order to optimise its safety and efficacy.

Having this genetic information helps to determine the most appropriate drug for each patient and to adjust the dose to be administered more precisely. In other words, knowing this genetic variability makes it possible to optimise the pharmacological treatment for each patient in a personalised way. This increases the efficacy of the treatment and avoids possible adverse reactions.

This is particularly relevant on those occasions when, due to the severity of the disease, it is crucial to ensure the efficacy of the treatment and minimise the risk of toxicity.

MINIMISES RISKS AND MAXIMISES THE BENEFITS OF MEDICATION

What does the MyPharma Pain test analyse?

The test analyses genetic markers involved in the pharmacokinetics and pharmacodynamics of a wide range of analgesic drugs. Specifically, genes involved in the transport, activity and metabolism of the following drugs are considered:

- Valproic acid
- Alprazolam
- Amitriptyline
- Aripiprazole
- Bromazepam
- Bupropion
- Carbamazepine
- Chloridazoxide
- Chlorpromazine
- Citalopram
- Clobazam
- Clonazepam
- Clomipramine
- Clonidine
- Clorazepate
- Clozapine
- Desipramine
- Dextroamphetamine
- Diazepam
- Doxepin
- Duloxetine
- Escitalopram
- Slicarbazepine
- Phenytoin
- Phenobarbital
- Fluphenazine
- Flunitrazepam
- Fluoxetine
- Flupenthixol
- Fluvoxamine
- Gabapentin
- Guanfacine
- Haloperidol
- Hydroxyzine
- Iloperidone
- Imipramine
- Lamotrigine
- Levetiracetam
- Levomepromazine
- Lisdexamfetamine
- Lithium
- Lorazepam
- Loxapine
- Lurasidone
- Methylphenidate
- Midazolam
- Mirtazapine
- Molindone
- Nortriptyline
- Olanzapine
- Oxazepam
- Oxcarbazepine
- Nitrous oxide
- Paroxetine
- Perphenazine
- Pimozide
- Pregabalin
- Quetiapine
- Ramelteon
- Risperidone
- Sertraline
- Thiothixene
- Topiramate
- Trazodone
- Triazolam
- Trimipamine
- Venlafaxine
- Ziprasidone
- Zolpidem
- Zonisamide
- Zopiclone
- Zuclopenthixol

Introducing MyPharma Pain:

- MyPharma Pain is a genetic test that determines the presence/absence of problematic genetic variants associated with analgesic drugs.
- MyPharma Pain helps to establish a more effective and safer pharmacological treatment, as it allows to characterise the patient's response to a wide range of drugs.
- MyPharma Pain is a non-invasive test. DNA is obtained from a saliva sample, is completely painless and is suitable for any person of any age.
- MyPharma Pain is performed once in a lifetime, your genetics do not change.
- MyPharma Pain analyses genetic markers with the highest level of scientific evidence.
- Innovative technology that offers greater precision and depth in the results.
- Once the sample has been received in the laboratory, you will receive your results within 20 days.