

THE PHARMACOLOGICAL AND PHARMACOGENETIC PROFILE: OPTIMAL MEDICATION THANKS TO A GENETIC ASSESSMENT

THE INDIVIDUAL EFFECT OF DRUGS IS ALSO DETERMINED BY GENETIC FACTORS. A PHARMACOLOGICAL AND PHARMACOGENETIC PROFILE IDENTIFIES THESE INDIVIDUAL GENETIC FACTORS. IT ENABLES THE DOCTOR TO TAILOR DRUG TREATMENT TO THE PATIENT'S NEEDS FROM THE START.

How an active ingredient is absorbed, distributed and broken down in the body varies from person to person. What is beneficial for one person can be ineffective or cause serious side effects in another. The genetic assessment of a drug's effectiveness provides peace of mind.

Protection against treatment failure or intolerance

The pharmacological and pharmacogenetic profile provides reliable information on a drug or combination of active ingredients, the dosage and the time to take them. It fits the patient's genetic predisposition and individual metabolism – even before treatment begins. This can minimise the risk of treatment failure or drug intolerance.

A single blood or saliva sample is enough

A single blood or saliva sample from the patient is genetically analysed in the laboratory, and the genetic information is de-coded to create a pharmacological and pharmacogenetic profile. Additionally, individual patient information on age, height and lifestyle, and the current or planned medication are included. Special algorithms combine the genetic information with the personal patient data and compare it with a comprehensive scientific database in order to generate your individual profile.

It is useful to have your pharmacological and pharmacogenetic profile drawn up as part of a general health and individual patient assessment at Hirslanden. Your attending doctor can thus receive a full picture of your state of health and initiate the best treatment.

Your benefits

- Individual optimisation of drug treatment in terms of choice of drug, combination of active ingredients, dosage and when to take the drug
- Optimal treatment effectiveness from the beginning
- Avoidance of severe sideeffects
- Prevention of drug intolerance
- Avoidance of treatment failure
- No time-consuming and cost-intensive drug adjustment phase

Hirslanden International would be happy to advise you; we look forward to hearing from you.

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