Support for the discussion with your patient

ABCB1 diagnostic at a glance
The ABCB1 test was developed at the Max Planck Institute of Psychiatry and is a molecular genetic diagnostic procedure that assists you in treating a patient with antidepressants. The doctor can base treatment decisions on the patient's individual genetic endowment and can select a suited antidepressant at the right dosage in short time. As a result, the patient experiences a faster onset of clinical improvement, suffers less from “trial-and-error” treatments and side effects.

In just a few steps to the treatment recommendation

1) You discuss the advantages of the ABCB1 test for the antidepressants treatment with your patient. Information on how to request the test in your country can be found at: professionals.abcb1-test.com/requesting-the-test

2) Together with your patient you fill in the necessary documents.

3) You take a blood sample of your patient.

4) You send the blood sample to an executing laboratory.

5) The laboratory conducts a molecular genetic analysis of the patient's DNA. It only takes a few working days.

6) The test result includes your patient's ABCB1 genotype and matching treatment recommendations, which are sent to you.

7) By means of the recommendations, you can make a more targeted decision when prescribing an antidepressant for your patient. The ABCB1 test enables individual predictions about a suitable medication prior to the start of the treatment. As a result the likelihood of a quick response to antidepressants is increased, unwanted side effects are decreased and unsuccessful treatment efforts can be avoided.

The cost of the ABCB1 test is billed directly to the patient. The executing laboratory is responsible for billing.
Scientific background of the ABCB1 diagnostic
A transport molecule called P-Glycoprotein is located at the blood-brain barrier and prevents certain substances from entering the brain. The concentration in the brain of most antidepressants is determined by P-glycoprotein. These molecules function as “custodians” preventing that “foreign” substances enter the brain.

The effectiveness of the P-glycoprotein is influenced by sequence variations in the ABCB1 gene. Dependent on the patient’s DNA, the passage of the antidepressant into the brain is either reduced or facilitated.

The ABCB1 test determines the present gene variant. As a result, you obtain an information about a suitable medication in the right dosage for your patient.

Further information about the ABCB1 test and its execution is available at:
professionals.abcb1-test.com

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Advantages of the ABCB1 test at a glance

- Faster to the right medication
- A more effective treatment
- Less side effects
- A straightforward procedure

- A decent cost-benefit ratio
- Higher remission rate
- Personalized medicine
- One-time testing