



ANDROSENSOR

40plus

Your Key to a Better Health

Preventive Medicine for Men

Dear Patient,

Are you aware of your genetic risk markers ?

You feel healthy and wish to actively contribute to keep this state throughout your life? Or else, has your well-being already slightly deteriorated and you are looking for help and advice in order to feel well again?

Due to the fact that many health-related disorders originate in an unfavourable interaction between environmental (e.g. smoking, stress, alcohol consumption,...) and genetic factors it will help you to conserve your health more easily if you are aware of your genetic profile. Genetic markers influence both the course of the illness as well as the efficiency of respective therapies.

Our latest test methods that have been developed for medical diagnostics allow an instant and reliable determination of your genetic profile. The clinical interpretation of the test results as well as the thorough advice from your medical consultant will inform you how to minimise or even prevent possible health risks. They furthermore give conclusions which kind of therapy proves most efficient in your case.

We would thus like to introduce you to our test system **AndroSensor 40plus**.

What does AndroSensor 40plus stand for ?

Although everyone bears nearly the same information in her/his genes, every individual is unique nevertheless. This individuality is granted due to slight variations in the human genome, scientifically referred to as "polymorphisms".

AndroSensor 40plus examines carefully selected polymorphisms which lead to structural changes in proteins that

- Regulate the metabolism of male sexual hormones
- Influence bone-metabolism
- Are co-responsible for morphology of the blood vessels
- Co-determine homeostasis of blood clotting
- Regulate the composition of plasma lipids
- Limit degree of inflammatory processes
- Accelerate or slow down internal decomposition of toxic environmental substances

AndroSensor 40plus

Which conclusions can be drawn from the test?

Latest scientific research has confirmed that these polymorphisms are associated with an increased risk of acquiring age-related diseases, especially if you are exposed to additional unfavourable environmental factors throughout a prolonged period of time. However, some protective effects have been scientifically proved as regards the aging-process.

The awareness of your individual genetic profile enables your medical consultant

- To decide whether regular health-checks are required in case you bear a genetic risk marker for prostate-related illnesses

- To evaluate the risks and benefits for a planned hormone substitution with male sexual hormones

- To select appropriate strategies to minimize the risk of osteoporosis

- To apply respective medical strategies to prevent illnesses caused by arteriosclerosis, as e.g. angina pectoris, heart attack or stroke

- To advise you on lifestyle-related changes, e.g. on nutrition and/or physical activity that corresponds with your genetic profile in order to improve or keep your life quality

- To advise you on lifestyle-related changes, e.g. on nutrition and/or physical activity and the avoidance of exposition to toxic substances that highly contribute to the maintenance of your health

What are the test-requirements?

Only a few samples of cells drawn from the buccal mucosa are needed to make a genetic analysis. They can be painlessly collected from the oral cavity by your personal medical consultant with the help of swab-sticks and are then subsequently forwarded to us.

Who will see my test-results?

Genosense has committed itself by law to treat your test-results strictly confidentially and to exclusively transfer them to your medical consultant only. Thus, Genosense is not entitled to pass them on to third parties without your explicit written consent.

Does this test need to be taken more than once?

No, it doesn't. Your specific genetic profile is unique and never changes.

