

# **OligoScan Testing informed consent at Magnolia Personalized Medicine PC**

## **What does the OligoScan measure?**

OligoScan allows a practitioner to measure is made in minutes using a portable spectrophotometer device (i.e. the handscanner) minerals, vitamins and heavy metal at the intercellular level. This test results are not the same as the blood test results in heavy metal, mineral and vitamins.

The OligoScan There are currently 44 elements reported (21 minerals, 16 heavy metals & vitamins A, B6, B9, B12, C,D & E) as well as several Physiological Interpretation correlations (Metabolism, Tissue Repair, Cognitive Function, etc). The minerals include calcium, magnesium, phosphorus, silicon, sodium, potassium, copper, zinc, iron, manganese, chromium, vanadium, boron, cobalt, molybdenum, iodine, lithium, germanium, selenium and sulphur. The heavy metals include aluminium, antimony, silver, arsenic, barium, beryllium, bismuth, cadmium, mercury, nickel, platinum, lead, thallium, and thorium.

## **How does the OligoScan work?**

The method used by the OligoScan to obtain results on the amount of trace elements in tissues is spectrophotometry. It is a quantitative analytical method, which consists in measuring the absorbance or the optical density of a chemical substance. The basic principle is that every chemical compound (including minerals and heavy metals) absorbs, emits or reflects light over a certain range of wavelength. The more the sample is concentrated, the more it absorbs the light within the limits of proportionality expressed in the law Beer-Lambert. The spectrophotometry is used in many domains: chemistry, pharmacy, environment, food-processing industry, biology, medical /clinical, material/chemical engineering and clinical applications and many others.

## **What are the advantages of this system?**

The OligoScan is a very quick pain-free test. No blood, hair or biopsy samples are required. Results can be obtained within minutes.

**Magnolia Personalized Medicine P.C. does not file any reimbursement claims for Oligo Scan testing. The payment for this test is through cash, check or credit card at the time of the visit.**

I acknowledge I read and understand the above information and agree on OligoScan testing

Patient name and date

