

Vitalan Stool Diagnostics – A New Approach

Benefits of modern stool diagnostics

“Death sits in gut” – Hippocrates admonished in antiquity patients and disciples for healthy nutrition and gut cleaning. Nothing changed until today: balanced nutrition as well as periodical evacuation is the base for wellbeing and health. But reality shows contrary: unbalanced nutrition and fast food, intolerances and allergies, constipation and irritable bowel/stress spreading throughout, enteropathogenic germs (bacteria like campylobacter and helicobacter, yeast like candida and geotrichum, parasites like blastocystis, viruses like noro) raises.

Abdominal symptoms as bloating, gas, pain, constipation, diarrhea, intolerance are not typical, hundreds of different causes shows the need for modern, exact and reliable diagnostics. Besides blood diagnostics for food allergy, stool diagnostics are not invasive, umpteen microbiological, chemical and immunological parameters open new horizons and gentle naturopathic/holistic therapies allows successful gut sanitation.

The base for successful Gut Sanitation is modern Stool Analysis.

There is no way to treat any Illness without having a Healthy Gut.

Benefits of reliable Vitalan stool diagnostics

Vitalan disposes not only about over 20 years experience about stool diagnostics, but specially making the connection between analysis, expertise and epicrise. The base of this connection are modern parameters (offered exclusively), used for experienced expertise and success proofed epicrise (gently naturopathic and holistic, objective therapy recommendation resp. therapy strategy).

Analysis of Microbiological Parameters

Vitalan offers the State of the Art in Microbiological Analysis, meaning: *complete determination and counting* of Anaerobe Germs (Bacteroides, Bifidobacteria, Lactobacilli, Clostridia), of Aerobe Germs (E. coli, E. coli Biovars like Hemolytic, Lactose negative, Mucous, Rough, Enterobacteria like Klebsiella, Proteus, Enterobacter, Enterococci, Others like Pseudomonas, Streptococci, Staphylococci, Bacillus), of Yeast (Candida, Geotrichum, Other like Moulds). Analysis of Stool Flora looks for Eubiosis/Dysbiosis (*Fermentation, Putrefaction, Mycosis*) and comprises determination of Stool pH.

Stool Microbiology looks supplementary for *Diarrhea* causing Germs, the Enteropathogenic Bacteria (Salmonella, Campylobacter, Yersinia, Shigella, Helicobacter, E. coli), Viruses (Rota, Adeno, Noro) and Parasites (Worms and Protozoa like Blastocystis, Entamoeba, Giardia lamblia).

Most competitors doesn't analyse as much germs (often lack of Bacteroides for Colonisation Resistance, of Clostridia causing Putrefaction), didn't count them exactly out (no quotation in CFU/g – Colony Forming Units per gramm stool), didn't differentiate them beyond genus up to species.

Analysis of Chemical Parameters

Vitalan offers the State of the Art in Chemical Analysis, meaning: *complete determination and counting* of Digestive Residues (Fat, Protein, Sugar, Fiber, Water in g%), of Digestive Enzymes (*Bile Acids* for Fat Digestion, *Pancreatic Elastase* for Exocrine Pancreas) and of Short Chain Fatty Acids (Acetic, Propionic, Butyric I- and N-Form, Valerianic).

Most competitors doesn't analyse Digestive Residues in g% (only semiquantitative) and Bile Acids.

Analysis of Immunological Parameters

Vitalan offers the State of the Art in Immunological Analysis, meaning: *complete determination* of Local Body Defense (secretory Immunoglobuline A “total”, sIgA 1 for small intestine, sIgA 2 for large intestine and Defensine), differentiation between Food Intolerance (Histamine) and Allergy (enteral Ige and IgG, Serotonine), Inflammation (Calprotectine, CRPs, Hemoglobine, Antigliadine, Dopamine), Tumor Marker (M2PK).

Most competitors doesn't analyse the total body defense, doesn't analyse complete neurotransmitter, inflammation parameter and tumormarker.

Expertise in Stool Reports

Besides the Analysis and Determination of individual parameters, there is a need for pointing out the most important Finding, the Overlook, the Laboratory Diagnosis. Vitalan is able to do this by his experience, his knowledge and his international contacts, finding out not only *classical aspects* of Gut Disturbances like Eubiosis/Dysbiosis, Malnutrition – Maldigestion - Malassimilation, but *modern aspects of Gut Disturbances* like Overreactions of Local Body Defense, Food Intolerance, Food Allergy, Inflammation, Cancer.

Most competitors doesn't analyse so much parameters, ignoring modern findings. Their mainly simply explanations with poor information content didn't offer real problem solutions and are less useful for the users.

Epicrise in Stool Reports

Vitalan's real speciality and progress as well as his attractive strength are reports including Individual Therapy Recommendation formed from Findings and Anamnesis. They comprises mainly gentle naturopathic and holistic Drugs (with exact nomination) and Therapy Possibilities (with graphics and methods), combined in a modern Therapeutical Strategy (also showing indications for specific nutrition and lifestyle). This Reports are *extensive* with background informations about each parameter and overlook with general indications about gut sanitation methods and drugs.

Most competitors doesn't offer exact individual Therapy Recommendations at all, showing partly deficiencies in practical medical experience, in successful therapy methods and in lack of specific drugs.

Profile of Vitalan Stool Diagnostics

Vitalan deliver “Reports that tell more”: more *knowledge*, more *success*, more *satisfaction* for both doctors and patients. This means for users: Profiling of Practice by *gaining time, safety and more income*.

Vitalan is profiled by offering “Problem solutions” for severe ill patients (mostly out-diagnosed and out-treated) and objective Counseling for Healthcare Professionals (right Analysis Order and successfull Therapy Strategy), “Progressivity” (mostly exclusive parameters, unique in the world), “Personalizing” by “individual Service” for users.