



Micro Trace Minerals Laboratory

30+ years of clinical & environmental
laboratory diagnostics

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IBCMT Workshop on Metal Toxicology, May 12-13, 2012 in Nuremberg, Germany

We only have 3 reservations at this time. We need 50 participants to make this an effective meeting. Don't wait to commit. If we don't have sufficient participants, this event has to be cancelled. You can view the workshop program on our website www.microtraceminerals.com. Just in case you don't know: Nuremberg is not only famous for the Nuremberg trials, its gingerbread and toys, it is also called 'the romantic city'. Bring your family.

New Reports with easy-to-view graphics

We modernized our reports. A hair sample report can be viewed on our website under [Laboratory Diagnostics/ Hair Analysis](#). Your comments are appreciated.

Multiple language reports

With the help of professional translators, we are updating all our reports. Available are reports in English, German, French, Italian, Portuguese, and Spanish. We ask you to carefully choose the language for your report, because we provide it in one language only.

Workshop in Santa Cruz, Tenerife (Spain)

The main theme was useful diagnostics that aid the diagnosis and treatment of autistic patients.

About 70 people participated, including MDs and other health care providers, pharmacists, microbiologists and other laboratory analysts. About half of the participants were parents of autistic children. I was the only speaker. Discussions were lively and informative.

The importance of a thorough case history was explained. In most cases, the information parents provide is a first step towards finding the main cause of autism. Properly selected diagnostics are the next step, providing information regarding successful treatment methods.

So far, members of the ALDIS Organization of Tenerife have been guided by the DAN (Defeat Autism Now) Protocol. Established in 1967, the DAN organization started as a network of doctors providing useful information to parents of autistic children. Today, economics seem dominant; the DAN protocol needs revision. Reasons are simple:

1. In talking with doctors and parents, it became obvious that close to 100% of the autistic patients have been diagnosed with Candida. Statistically, this is highly unlikely. After learning that the diagnosis was/is based on stool tests performed in the USA, the attending microbiologists agreed that long shipping times create false positives results. ALDIS members agreed to have microbiological testing performed at local laboratories. We all thought this is a step in the right direction.

2. All the autistic patients had been diagnosed with a gluten and lactose intolerance. Again, such a high incidence is a statistical improbability. The diagnosis, based on IgG testing, performed on serum samples that were tested out of the country, was not cross-checked with diet histories. At present, parents and their children live with limited and expensive diets that may or may not be needed. Certainly, all children improved on the gluten- und lactose-free diet, but after observing eating habits of Tenerife people, one may assume that the removal of gluten and lactose resulted in an almost total elimination of sugar and sweets. The Spanish love cakes and cookies, and the change to a gluten- and lactose free diet automatically improved dietary habits. The result: children eat a healthier diet! A healthier diet makes you feel better!
3. In spite of lactose- and gluten-free diets, nearly all children suffer from chronic constipation. Most children have difficult and painful bowel movements, once weekly! We talked about simple dietary measures such as adding more fiber, drinking plum juice or taking inexpensive magnesium from the local drugstore. Since most children have some spastic tendencies and hair analysis results generally indicate a need for magnesium, the addition of magnesium was discussed.
4. From a logical point of view, microbiological testing and vitamin supplementation should be preceded by a diet history, followed by a simple change in diet away from sugar and sweets. If constipation is no longer a problem, microbiological testing of feces makes sense.
5. We discussed blood vs. hair vs. urine metal analysis. Most attendees did not fully understand the difference.
6. Chelation was of interest to all and misinformation was obvious. Good and valid information is needed. With the help of local physicians and laboratories, we agreed to work on a program for the children. The goal is to provide a simple and scientifically-correct program that is affordable to all. We want doctors to supervise detoxification programs, but parents must actively participate.

It was a marathon meeting. I spoke from 09:30 in the morning until 09.30 at night, and had I not stopped, these lovely and attentive people would still be sitting there.

Chelation and reference ranges

Micro Trace Minerals now has chelator-specific reference ranges for DMPS, EDTA and oral DMSA. We call them Orientation Ranges. We don't have specific ranges for combination treatments such as EDTA+DMSA or DMPS+ZnDTPA as of yet. If you use DMPS+ZnDTPA, test values will be compared to DMPS. This is not the best solution. If we have a better one, we will let you know.

REPORTS WITH OR WITHOUT NUTRITIONAL RECOMMENDATION

Please tell us your preference. Should your report show

- a) Nutritional recommendation without naming product names
- b) No nutritional recommendation

We thank you for your trust and cooperation.