



Micro Trace Minerals Laboratory

35+ years of clinical & environmental
laboratory diagnostics

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MTM Newsletter

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- **Laboratory News**
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 - **Before you treat, diagnose**
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Laboratory News

- **Lung cancer 'overtaking breast cancer in European women'**

For years, epidemiologists predicted this trend. Now, the point has been reached and for the first time breast cancer is no longer the number one cause of cancer death in females. Lung cancer is - and not only in Germany but in all European countries reports the German Cancer Research Center on the World Cancer Day 2015.

- **Before you treat, diagnose**

Says an old proverb and it is particularly true when it comes to detoxification therapies. As soon as we identified the main toxin (or toxins), we are able to select the most appropriate chelating agent.

Our statistics, involving substantial data, demonstrated that the DMPS provocation test is a most suitable for the diagnosis of a metal burden. DMPS binds well with most toxic metals, and thus allows a comprehensive assessment of the patient's metal burden. Compared to other chelating agents, the application of DMPS saves time. It is applied intravenously or in a short infusion within 10-15 minutes. A one hour urine collection time is sufficient.

The DMPS provocation test is a most cost effective diagnostic tool when it comes to prove a metal burden.

Also see:

<http://www.microtraceminerals.com/en/chelation-newsarticles>



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Table 1 shows lead, cadmium and mercury levels in the blood of an 18 to 69 year old German population, which we compared to our statistical data. Table 1 shows that MTM statistical values are similar for the metals lead and cadmium. For mercury, MTM's data are considerably higher. None of the samples came from industrially exposed people, though samples were submitted by doctors engaged in preventive or environmental medicine. Table 1 demonstrates that blood testing is well suited for monitoring heavy metal exposure.

Lead in Blood	N	P95	Max-Value	AA
Germany	4646	71.40	380.00	35.60
Western states	3768	70.70	307.00	34.90
Eastern states	877	79.50	380.00	38.30
MTM 2007-2014	1647	41.77	353.00	17.74
Cadmium in Blood	N	P95	Max-Value	AA
Germany	4645	2.34	16.00	0.70
Western states	3768	2.37	16.00	0.70
Eastern states	877	2.24	6.17	0.70
MTM 2007-2014	1647	1.25	5.01	0.50
Mercury in Blood	N	P95	Max-Value	AA
Germany	4645	2.32	12.30	0.86
Western states	3766	2.40	12.30	0.87
Eastern states	879	2.10	7.32	0.83
MTM 2007-2014	1647	12.29	57.15	3.64

All Values in mcg/L

N = sample size; P95 = percentile; AA = arithmetic average;

■ Laboratory Information

Contact us and we provide you with our e-mail or paper version of our laboratory brochure and sampling kits.

As alternative, you can use our online content, and this 24h per day:

<http://www.microtraceminerals.com/en/contact>

There you can Order Laboratory Supplies, too:

<http://www.microtraceminerals.com/en/contact/order-laboratory-supplies>



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■ New Book Release

Allergies and Food Addictions - no more

Food allergies are on the rise. Researchers are trying to discover why food allergies are on the rise in developed countries worldwide. More than 17 million Europeans have a food allergy, and hospital admissions for severe reactions in children have risen seven-fold over the past decade, according to the European Academy of Allergy and Clinical Immunology (EAACI).



The eBook will be published on:

April 15, 2015

The print edition will follow shortly afterwards.

This book provides answers. The authors explain why food allergies are on the rise, but also how this trend can be stopped. The author explains the connection between nutrition and allergies. Case histories show how health problems such as dermatitis, asthma, rheumatoid arthritis, migraines etc. started- and how health was restored through simple changes in diet. Best of all, the reader learns how to select a fun diet that is appropriate for him or her. Recipes are included.

<http://www.microtraceminerals.com/en/books-by-eblaurock-busch/e-book-allergies-and-food-addictions>

