

# Russell Jaffe, MD, PhD

## D-penicillamine in toxic metal detoxification

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### **About the lecture:**

This presentation reviews the evidence that toxic minerals adversely affect a wide variety of lab tests. Clinically, we can use the influence of toxic minerals on lab tests as an indicator of how an individual may be functionally affected. When lab tests such as renal concentrating capacity, transferase activities, porphyrin metabolites, CRP and other markers of inflammation are outside the healthy range and cannot be explained in other ways, consider toxic minerals as the cause. Provocative tests for essential and toxic minerals using the d-penicillamine protocol will also be addressed, including the validation of a clinical protocol for determining the healthy provoked excretion values for healthy people for essential and toxic minerals.

### **About Dr. Jaffe:**

Dr. Russell M. Jaffe is Lab Director of ELISA/ACT Biotechnologies LLC, Director of PERQUE LLC, and Fellow of the Health Studies Collegium. Through his expertise in non-invasive studies of cells, he developed novel tests for blood platelet survival, fibrinogen survival, platelet aggregation, and lymphocyte response (LRA by ELISA/ACT®). He also developed the first test for traces of blood in stool that is not made falsely negative by ascorbate (vitamin C). Dr. Jaffe received his BS, Ph.D., and MD from the Boston University School of Medicine in 1972. He completed residency training in clinical chemistry at the National Institutes of Health (1973 - 1979) and is board certified in Clinical Pathology and in Chemical Pathology. Dr. Jaffe is the recipient of the Merck, Sharp & Dohm Excellence in Research Award, the J.D. Lane Award, and the U.S.P.H.S. Meritorious Service Award. He was also named an International Scientist of the Year (2003) by the International Biographical Commission for his contributions to Medicine, Biochemistry, and Clinical Immunology. Dr. Jaffe teaches and lectures widely on the causes and consequences of immune defense and repair function in health and disease. His research interests focus on outcome studies based on effective, comprehensive care guidelines and practice parameters.