



Patient 8 Pre and Post Provocation Case Study

Case history dictated by attending physician

Provocation agents: ACZ nano/ACS 200

Male, 53. Dx Severe MCS (Multiple Chemical Sensitivity) in 2004, a few Glutathione & Vitamin C IVs

Treatment response: tolerates TID ACZ nano (15 sprays) & ACS 200 (10 sprays) well, previously unable to tolerate other detoxification protocols.

Results of 12 Hour Post-Provocation Testing: Results demonstrate an increased excretion rate of **Mercury 42,600%**, **Aluminum 10,000%**, **Gallium 1,400%**, **Lead 500%**, **Cadmium 476%**, **Barium 153%**, **Cesium 131%** over Pre-Provocation levels.

12 Hour - Toxic Element Provocation Protocol (TEPP):

8am - collect Pre-Provocation urine sample, begin Provocation testing: 40 sprays ACZ nano and 20 sprays ACS 200 orally at 8am, 2pm, 4pm. Collect Post-Provocation urine from 8am until 8pm.





Comprehensive Urine Element Profile Ratio to Creatinine



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Gadolinium	PRE 0.053	≤ 0.019
	POST <DL	≤ 0.019
Gallium	PRE <DL	≤ 0.028
	POST 0.014	≤ 0.028
Nickel	PRE 5.03	≤ 3.88
	POST 5.54	≤ 3.88
Niobium	PRE <DL	≤ 0.084
	POST <DL	≤ 0.084
Platinum	PRE <DL	≤ 0.033
	POST <DL	≤ 0.033
Rubidium	PRE 745	≤ 2,263
	POST 613	≤ 2,263
Thalium	PRE 0.107	≤ 0.298
	POST 0.104	≤ 0.298
Thorium	PRE <DL	≤ 4.189
	POST <DL	≤ 4.189
Tin	PRE <DL	≤ 2.04
	POST <DL	≤ 2.04
Tungsten	PRE <DL	≤ 0.211
	POST <DL	≤ 0.211
Uranium	PRE <DL	≤ 0.026
	POST <DL	≤ 0.026