



Patient 2 Pre and Post Provocation Case Study

Case history dictated by attending physician

Provocation agents: ACZ nano/ACS 200

Female, 69. Dx Severe MCS (Multiple Chemical Sensitivity); burning around mouth, lips & face, no prior chelation

Treatment response: Much improved after 6 weeks TID with ACZ nano (15 sprays) & ACS 200 (10 sprays), Tolerates foods & fragrances better in the work environment and is now able to continue working.

Results of 12 Hour Post-Provocation Testing: Results demonstrate an increased excretion rate of **Mercury 103,500%**, **Tungsten 11,100%**, **Cadmium 157%**, **Arsenic 155%** 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.





Gadolinium	PRE <DL	≤ 0.019
	POST <DL	≤ 0.019
Gallium	PRE 0.008	≤ 0.028
	POST <DL	≤ 0.028
Nickel	PRE 0.97	≤ 3.88
	POST 1.07	≤ 3.88
Niobium	PRE <DL	≤ 0.084
	POST <DL	≤ 0.084
Platinum	PRE <DL	≤ 0.033
	POST <DL	≤ 0.033
Rubidium	PRE 1,600	≤ 2,263
	POST 1,053	≤ 2,263
Thalium	PRE 0.368	≤ 0.298
	POST 0.333	≤ 0.298
Thorium	PRE <DL	≤ 4.189
	POST <DL	≤ 4.189
Tin	PRE 0.48	≤ 2.04
	POST 0.48	≤ 2.04
Tungsten	PRE <DL	≤ 0.211
	POST 0.111	≤ 0.211
Uranium	PRE <DL	≤ 0.026
	POST <DL	≤ 0.026