



Patient 10 Pre and Post Provocation Case Study

Case history dictated by attending physician  
Provocation agents: ACZ nano/ACS 200  
Female, 60. Dx: Hormone Imbalance

Treatment response: Reporting general improvement with TID ACZ nano (15 Sprays) & ACS 200 (10 sprays).

Results of 12 Hour Post-Provocation Testing: Results demonstrate an increased excretion rate of Tungsten 114,000%, Rubidium 421%, Thallium 260%, Mercury 172%, Lead 225%, Cesium 218%, Aluminum 200%, Barium 190%, Arsenic 141% 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.

Mercury	PRE 1.77	≤ 2.19
	POST 3.06	≤ 2.19
Lead	PRE 0.4	≤ 1.4
	POST 0.9	≤ 1.4
Aluminum	PRE 9.9	≤ 22.3
	POST 19.8	≤ 22.3
Antimony	PRE <DL	≤ 0.149
	POST <DL	≤ 0.149
Arsenic	PRE 34	≤ 50
	POST 48	≤ 50
Barium	PRE 3.1	≤ 6.7
	POST 5.9	≤ 6.7
Bismuth	PRE <DL	≤ 2.28
	POST <DL	≤ 2.28
Cadmium	PRE 0.49	≤ 0.64
	POST 0.49	≤ 0.64
Cesium	PRE 11.0	≤ 10.5
	POST 24.0	≤ 10.5



Gadolinium	PRE 0.064	≤ 0.019
	POST 0.041	≤ 0.019
Gallium	PRE <DL	≤ 0.028
	POST <DL	≤ 0.028
Nickel	PRE 3.39	≤ 3.88
	POST 2.87	≤ 3.88
Niobium	PRE <DL	≤ 0.084
	POST <DL	≤ 0.084
Platinum	PRE 0.048	≤ 0.033
	POST 0.103	≤ 0.033
Rubidium	PRE 1,241	≤ 2,263
	POST 5,234	≤ 2,263
Thallium	PRE 0.407	≤ 0.298
	POST 1.067	≤ 0.298
Thorium	PRE <DL	≤ 4.189
	POST <DL	≤ 4.189
Tin	PRE 0.37	≤ 2.04
	POST <DL	≤ 2.04
Tungsten	PRE <DL	≤ 0.211
	POST 1.416	≤ 0.211
Uranium	PRE <DL	≤ 0.026
	POST <DL	≤ 0.026