



Patient 7 Pre and Post Provocation Case Study

Case history dictated by attending physician  
Provocation agents: ACZ nano/ACS 200  
Female, 61. DX Fibromyalgia, Severe RA (Rheumatoid Arthritis)

Treatment response: Improving with TID ACZ nano (15 sprays) & ACS 200 (10 sprays).

Results of 12 Hour Post-Provocation Testing: Results demonstrate an increased excretion rate of **Mercury 407%, Rubidium 227%, Tungsten 165%, Barium 165%, Thallium 158%, Cesium 148%, Arsenic 137%** 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	<div><div>PRE 1.04</div><div>POST 4.24</div></div>	<div><div>&lt;= 2.19</div><div>&lt;= 2.19</div></div>
Lead	<div><div>PRE 0.9</div><div>POST 0.8</div></div>	<div><div>&lt;= 1.4</div><div>&lt;= 1.4</div></div>
Aluminum	<div><div>PRE 18.1</div><div>POST 13.4</div></div>	<div><div>&lt;= 22.3</div><div>&lt;= 22.3</div></div>
Antimony	<div><div>PRE 0.052</div><div>POST &lt;DL</div></div>	<div><div>&lt;= 0.149</div><div>&lt;= 0.149</div></div>
Arsenic	<div><div>PRE 8</div><div>POST 11</div></div>	<div><div>&lt;= 50</div><div>&lt;= 50</div></div>
Barium	<div><div>PRE 5.8</div><div>POST 9.6</div></div>	<div><div>&lt;= 6.7</div><div>&lt;= 6.7</div></div>
Bismuth	<div><div>PRE &lt;DL</div><div>POST &lt;DL</div></div>	<div><div>&lt;= 2.28</div><div>&lt;= 2.28</div></div>
Cadmium	<div><div>PRE 0.58</div><div>POST 0.53</div></div>	<div><div>&lt;= 0.64</div><div>&lt;= 0.64</div></div>
Cesium	<div><div>PRE 4.1</div><div>POST 6.1</div></div>	<div><div>&lt;= 10.5</div><div>&lt;= 10.5</div></div>



Gadolinium	PRE 0.010	≤ 0.019
	POST <DL	≤ 0.019
Gallium	PRE <DL	≤ 0.028
	POST <DL	≤ 0.028
Nickel	PRE <DL	≤ 3.88
	POST <DL	≤ 3.88
Niobium	PRE <DL	≤ 0.084
	POST <DL	≤ 0.084
Platinum	PRE 0.021	≤ 0.033
	POST <DL	≤ 0.033
Rubidium	PRE 937	≤ 2,263
	POST 2,128	≤ 2,263
Thalium	PRE 0.134	≤ 0.298
	POST 0.213	≤ 0.298
Thorium	PRE <DL	≤ 4.189
	POST <DL	≤ 4.189
Tin	PRE 3.41	≤ 2.04
	POST 3.54	≤ 2.04
Tungsten	PRE 0.103	≤ 0.211
	POST 0.170	≤ 0.211
Uranium	PRE 0.036	≤ 0.026
	POST <DL	≤ 0.026