



**Patient 6 Pre and Post Provocation Case Study**

Case history dictated by attending physician  
Provocation agents: ACZ nano/ACS 200  
Male, 7. Dx: Severe Non-verbal Autism, no prior chelation history

Treatment response: Improving speech and behavior 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 775%, Tungsten 262%, Thallium 249%, Cesium 206%, Barium 180%, Rubidium 175%, Aluminum 159%, Lead 150%, Cadmium 133%, Tin 129%, Arsenic 122%, Nickel 115%** 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 0.4</div><div>POST 3.10</div></div> <div><div>&lt;= 2.19</div><div>&lt;= 2.19</div></div>
Lead	<div><div>PRE 0.4</div><div>POST 0.6</div></div> <div><div>&lt;= 1.4</div><div>&lt;= 1.4</div></div>
Aluminum	<div><div>PRE 2.7</div><div>POST 4.3</div></div> <div><div>&lt;= 22.3</div><div>&lt;= 22.3</div></div>
Antimony	<div><div>PRE 0.026</div><div>POST &lt;DL</div></div> <div><div>&lt;= 0.149</div><div>&lt;= 0.149</div></div>
Arsenic	<div><div>PRE 9</div><div>POST 11</div></div> <div><div>&lt;= 50</div><div>&lt;= 50</div></div>
Barium	<div><div>PRE 0.5</div><div>POST 0.9</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 0.18</div><div>POST 0.24</div></div> <div><div>&lt;= 0.64</div><div>&lt;= 0.64</div></div>
Cesium	<div><div>PRE 3.2</div><div>POST 6.6</div></div> <div><div>&lt;= 10.5</div><div>&lt;= 10.5</div></div>



Gadolinium	PRE <DL	<= 0.019
	POST <DL	<= 0.019
Gallium	PRE 0.008	<= 0.028
	POST 0.007	<= 0.028
Nickel	PRE 6.25	<= 3.88
	POST 7.23	<= 3.88
Niobium	PRE <DL	<= 0.084
	POST <DL	<= 0.084
Platinum	PRE <DL	<= 0.033
	POST <DL	<= 0.033
Rubidium	PRE 1,315	<= 2,263
	POST 2,308	<= 2,263
Thalium	PRE 0.311	<= 0.298
	POST 0.777	<= 0.298
Thorium	PRE <DL	<= 4.189
	POST <DL	<= 4.189
Tin	PRE 0.27	<= 2.04
	POST 0.35	<= 2.04
Tungsten	PRE 0.09	<= 0.211
	POST 0.236	<= 0.211
Uranium	PRE <DL	<= 0.026
	POST <DL	<= 0.026