



Patient 14 Pre and Post Provocation Case Study

Case history dictated by attending physician

Provocation agents: ACZ nano/ACS 200

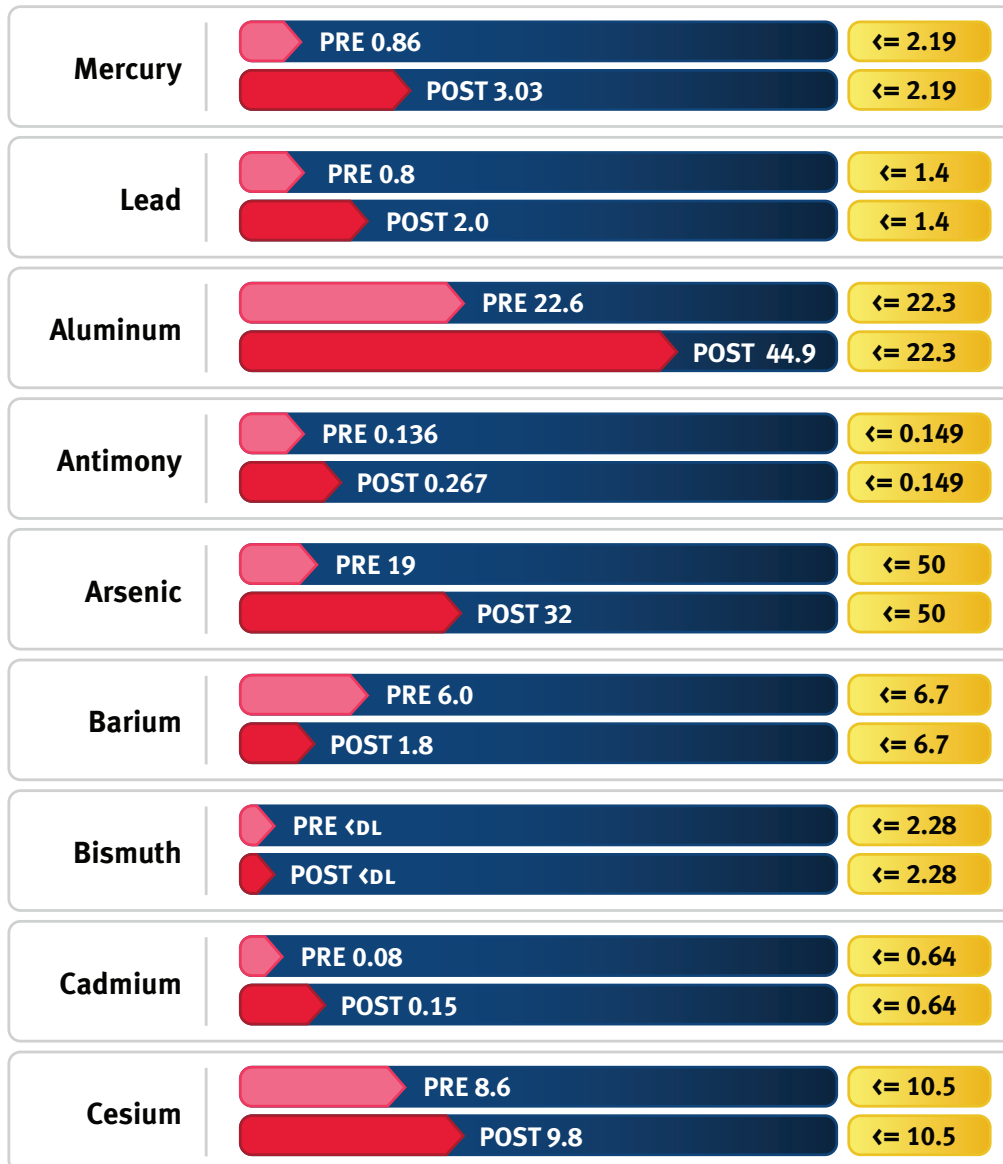
Female, 54. Dx: Multiple Sclerosis, Coproporphyrria, Acute Intermittent & Variegate Porphyrria with incontinence

Treatment response: No longer incontinent with TID ACZ nano (15 sprays) & ACS 200 (10 sprays).

Results of 12 Hour Post-Provocation Testing: Results demonstrate an increased excretion rate of **Platinum 410%, Mercury 278%, Cesium 290%, Tin 247%, Lead 232%, Niobium 219%, Aluminum 198%, Antimony 196%, Rubidium 135%, Gallium 1800%, Cadmium 187%, Arsenic 168%** 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 < DL	<= 0.028
	POST 0.018	<= 0.028
Nickel	PRE 8.45	<= 3.88
	POST 3.80	<= 3.88
Niobium	PRE 0.068	<= 0.084
	POST 0.149	<= 0.084
Platinum	PRE 0.029	<= 0.033
	POST 0.119	<= 0.033
Rubidium	PRE 2,364	<= 2,263
	POST 3,298	<= 2,263
Thalium	PRE 0.224	<= 0.298
	POST 0.208	<= 0.298
Thorium	PRE <DL	<= 4.189
	POST <DL	<= 4.189
Tin	PRE 0.90	<= 2.04
	POST 2.23	<= 2.04
Tungsten	PRE <DL	<= 0.211
	POST <DL	<= 0.211
Uranium	PRE <DL	<= 0.026
	POST <DL	<= 0.026