



Patient 12 Pre and Post Provocation Case Study

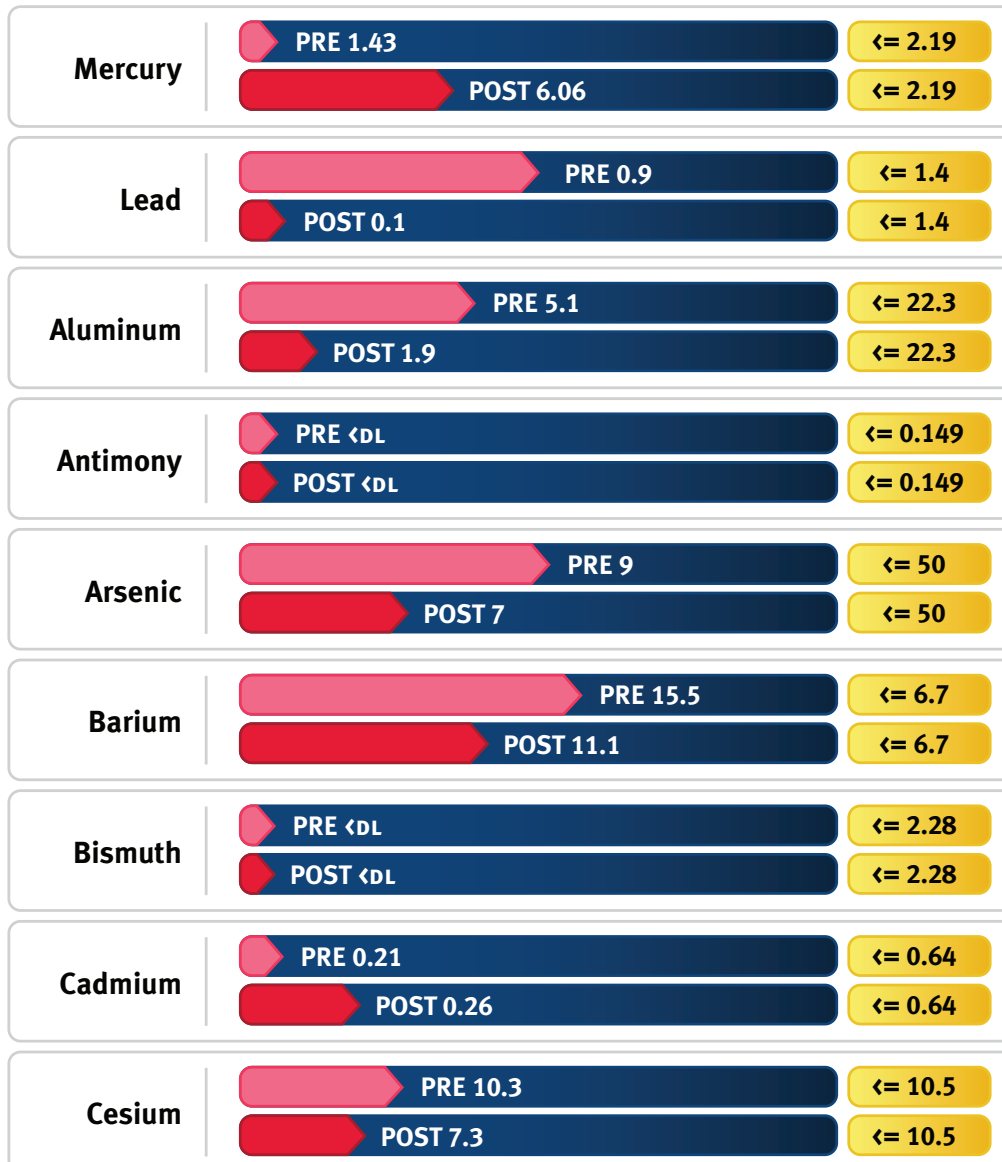
Case history dictated by attending physician
 Provocation agents: ACZ nano/ACS 200
 Male, 70. Dx: Pterygium, left eye

Treatment response: Membrane fell off after one month with TID ACZ nano (15 sprays) & ACS200 (10 sprays).

Results of 12 Hour Post-Provocation Testing: Results demonstrate an increased excretion rate of **Mercury 423%, Tin 170%** 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 0.020	≤ 0.019
	POST 0.018	≤ 0.019
Gallium	PRE 0.014	≤ 0.028
	POST <DL	≤ 0.028
Nickel	PRE 2.42	≤ 3.88
	POST 1.63	≤ 3.88
Niobium	PRE <DL	≤ 0.084
	POST <DL	≤ 0.084
Platinum	PRE <DL	≤ 0.033
	POST 0.024	≤ 0.033
Rubidium	PRE 1,475	≤ 2,263
	POST 769	≤ 2,263
Thalium	PRE 0.205	≤ 0.298
	POST 0.109	≤ 0.298
Thorium	PRE <DL	≤ 4.189
	POST <DL	≤ 4.189
Tin	PRE 0.20	≤ 2.04
	POST 0.34	≤ 2.04
Tungsten	PRE <DL	≤ 0.211
	POST 0.049	≤ 0.211
Uranium	PRE <DL	≤ 0.026
	POST <DL	≤ 0.026