



Patient 13 Pre and Post Provocation Case Study

Case history dictated by attending physician

Provocation agents: ACZ nano/ACS 200

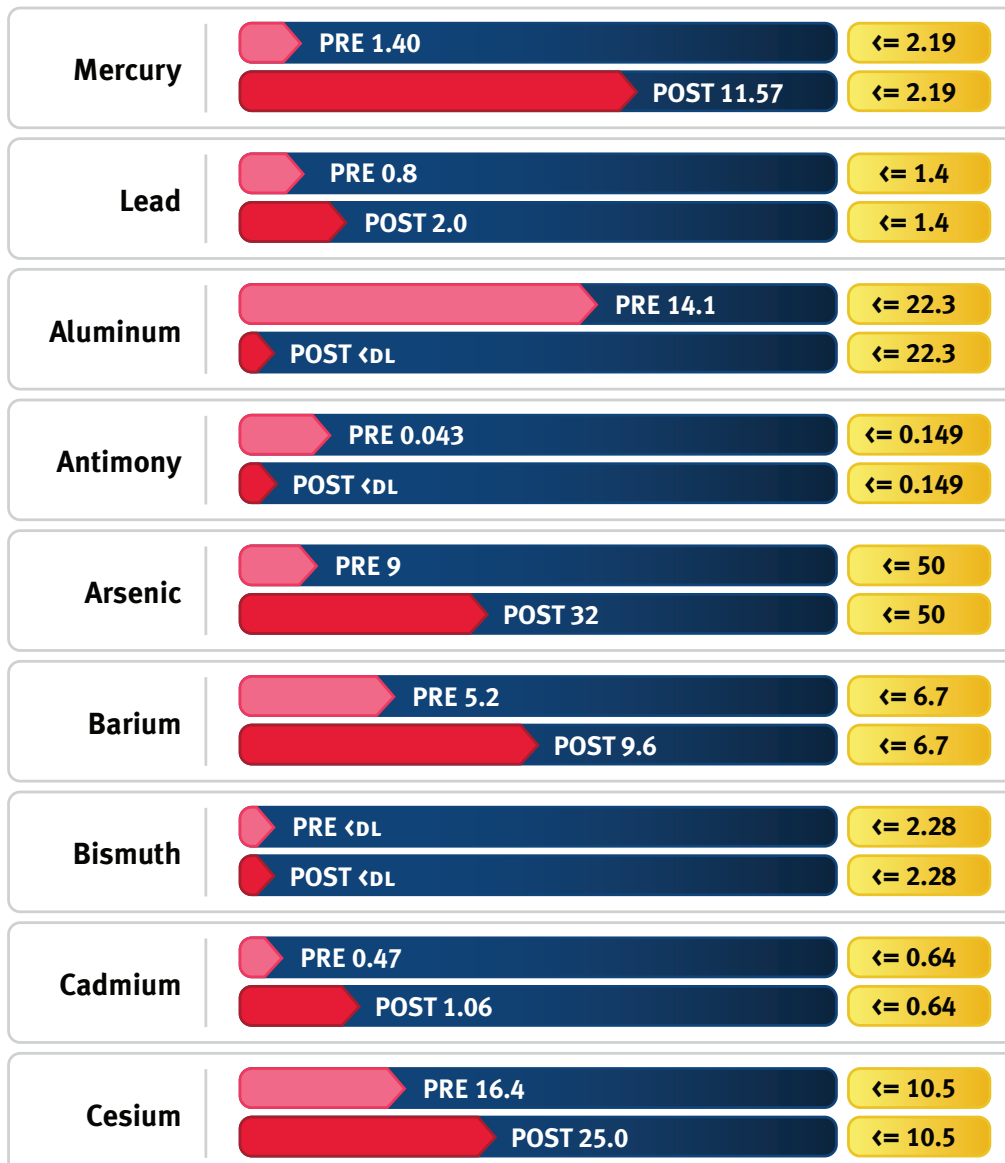
Female, 61. Dx: Rheumatoid Arthritis with Lymphedema

Treatment response: Swelling & mobility much improved 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 826%, Lead 250%, Cadmium 225%, Barium 184%, Rubidium 179%, Cesium 152%, Tin 131% Nickel 429%, Arsenic 355%, Thallium 234%** 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.





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|------------|------------|---------|
| Gadolinium | PRE 0.032 | ≤ 0.019 |
| | POST <DL | ≤ 0.019 |
| Gallium | PRE 0.024 | ≤ 0.028 |
| | POST 0.025 | ≤ 0.028 |
| Nickel | PRE 0.68 | ≤ 3.88 |
| | POST 2.92 | ≤ 3.88 |
| Niobium | PRE <DL | ≤ 0.084 |
| | POST <DL | ≤ 0.084 |
| Platinum | PRE <DL | ≤ 0.033 |
| | POST <DL | ≤ 0.033 |
| Rubidium | PRE 1,865 | ≤ 2,263 |
| | POST 3,352 | ≤ 2,263 |
| Thalium | PRE 0.503 | ≤ 0.298 |
| | POST 1.182 | ≤ 0.298 |
| Thorium | PRE <DL | ≤ 4.189 |
| | POST <DL | ≤ 4.189 |
| Tin | PRE 2.64 | ≤ 2.04 |
| | POST 3.48 | ≤ 2.04 |
| Tungsten | PRE 0.150 | ≤ 0.211 |
| | POST <DL | ≤ 0.211 |
| Uranium | PRE <DL | ≤ 0.026 |
| | POST <DL | ≤ 0.026 |