



## Patient 7 Pre and Post Provocation Case Study

Case history dictated by attending physician

Provocation agents: Total Zeolite/Total Silver

Female, 61. DX Fibromyalgia, Severe RA (Rheumatoid Arthritis)

Treatment response: Improving with TID Total Zeolite (15 sprays) & Total Silver (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 Total Zeolite and 20 sprays Total Silver orally at 8am, 2pm, 4pm. Collect Post-Provocation urine from 8am until 8pm.

Mercury	PRE 1.04	≤ 2.19
	POST 4.24	≤ 2.19
Lead	PRE 0.9	≤ 1.4
	POST 0.8	≤ 1.4
Aluminum	PRE 18.1	≤ 22.3
	POST 13.4	≤ 22.3
Antimony	PRE 0.052	≤ 0.149
	POST <DL	≤ 0.149
Arsenic	PRE 8	≤ 50
	POST 11	≤ 50
Barium	PRE 5.8	≤ 6.7
	POST 9.6	≤ 6.7
Bismuth	PRE <DL	≤ 2.28
	POST <DL	≤ 2.28
Cadmium	PRE 0.58	≤ 0.64
	POST 0.53	≤ 0.64
Cesium	PRE 4.1	≤ 10.5
	POST 6.1	≤ 10.5



# Comprehensive Urine Element Profile Ratio to Creatinine



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