

# Preliminary Study of Heavy Metal Excretion Using the IonCleanse by AMD

## Hypothesis

The IonCleanse by AMD will facilitate total body detoxification even after the foot bath is over. We think that the body's normal channels of elimination will function better and excretion of toxic elements will increase for a period of time following the foot bath.

## Methods

Two male subjects submitted ten 24-hour urine specimens over the course of two five-day segments. For the first five-day segment no therapy was used. The results were measured by Genova's Toxic Element Clearance Profile test. Test subjects were told to keep their lifestyle and diet as consistent as possible during the entire testing period.

The second five-day sequence began with one 30-minute detox foot bath session with the IonCleanse by AMD. The results were then compared and a statistical analysis was performed.

## Results

There was sufficient data to demonstrate that using IonCleanse by AMD had statistically significant higher levels of excretion of toxic elements in the urine than not using IonCleanse by AMD,  $p = .062$ ,  $t_{(39)} = -1.920$ , C.I.  $-16.53731$  to  $0.42993$ . Alpha set at  $.10$ .

Note: You can use an alpha of  $.10$  in studies where the treatment isn't likely to result in a life-threatening event if your hypothesis doesn't fit all participants. You can also see that it would in all likelihood be statistically significant, using an alpha of  $.05$ , with 1 or more participants.

The mean for the overall toxic elements removed after using IonCleanse by AMD for a population would range from  $72.61421$  to  $55.64697$  for a period of 5 days.

Use of IonCleanse by AMD toxic element mean =  $64.1306$ .

Nonuse of IonCleanse by AMD toxic element mean =  $56.0769$

There was a strong statistically significant correlation between the non-IonCleanse and IonCleanse data,  $r = .99$ ,  $p < .0001$ . This validates the paired samples t-test results.

See exhibit A for data.

## Analyte List

|          |            |          |          |
|----------|------------|----------|----------|
| Aluminum | Cesium     | Mercury  | Thallium |
| Antimony | Creatinine | Nickel   | Thorium  |
| Arsenic  | Gadolinium | Niobium  | Tin      |
| Barium   | Gallium    | Platinum | Tungsten |
| Bismuth  | Lead       | Rubidium | Uranium  |
| Cadmium  |            | Sulfur   |          |

**Exhibit A – Total Daily Excretion Levels**

Control: 5 days of 24-hour urine collection (tested day)  
 Therapy: 1 thirty-minute IonCleanse by AMD session  
 Post Therapy: 5 days of 24-hour urine collection (tested day)  
 Evaluation: Compare excretion total of control vs. post therapy

**Male - Age 35**

**Establishing the Control - Total Heavy Metal Excretion**

| Day             | Day 1 | Day 2 | Day 3 | Day 4 | Day 5  | Total Excretion |
|-----------------|-------|-------|-------|-------|--------|-----------------|
| Total Excretion | 31.58 | 57.99 | 56.55 | 98.12 | 184.86 | 429.10          |

**=> 1 IonCleanse by AMD session (30-minute session)**

**Levels after 1 session - Total Heavy Metal Excretion**

| Day             | Day 1 | Day 2 | Day 3 | Day 4 | Day 5  | Total Excretion |
|-----------------|-------|-------|-------|-------|--------|-----------------|
| Total Excretion | 37.05 | 51.08 | 20.91 | 54.80 | 925.82 | 1089.67         |

**% Change + 154.54%**

**Male - Age 69**

**Establishing the Control - Total Heavy Metal Excretion**

| Day             | Day 1 | Day 2  | Day 3  | Day 4 | Day 5 | Total Excretion |
|-----------------|-------|--------|--------|-------|-------|-----------------|
| Total Excretion | 40.46 | 490.05 | 173.03 | 98.94 | 54.58 | 857.29          |

**=> 1 IonCleanse by AMD session (30-minute session)**

**Levels after 1 session - Total Heavy Metal Excretion**

| Day             | Day 1 | Day 2  | Day 3 | Day 4  | Day 5  | Total Excretion |
|-----------------|-------|--------|-------|--------|--------|-----------------|
| Total Excretion | 67.63 | 930.73 | 51.08 | 126.45 | 211.56 | 1387.46         |

**% Change + 61.84%**

\*Measured in µg/24 hours. Rubidium did not show a statistically significant change and was not included in these calculations.