Table 4. Trace elements with significant changes.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **CONTROL** | | | | | **CLINPRO** | | | | | **MI** | | | | |
|  | **Baseline** | **3 months** | **6 months** | **9 months** | **12 months** | **Baseline** | **3 months** | **6 months** | **9 months** | **12 months** | **Baseline** | **3 months** | **6 months** | **9 months** | **12 months** |
| **24Mg** | 5.964 ± 2.530 b | 6.033 ± 1.878 b,c | 5.679 ± 1.550 b | 4.197 ± 1.875 | 4.763 ± 1.868 | 5.176 ± 1.727 | 5.490 ± 3.819 | 5.955 ± 2.363 | 4.691 ± 2.231 | 5.349 ± 2.612 | 5.099 ± 1.644 | 5.620 ± 2.271 | 6.039 ± 3.399 | 5.177 ± 2.625 | 4.834 ± 1.969 |
| **31P** | 205.273 ± 78.814 | 198.102 ± 59.206 a | 198.390 ± 65.518 a | 165.450 ± 52.551 a | 172.776 ± 67.742 a | 178.866 ± 45.689 | 202.141 ± 52.828 | 201.097 ± 62.726 | 198.657 ± 55.295 | 180.379 ± 52.449 | 175.243 ± 88.092 | 189.651 ± 56.666 | 185.310 ± 68.068 | 199.371 ± 147.554 | 172.743 ± 51.287 |
| **66Zn** | 697.063 ± 431.615 | 511.339 ± 292.248 | 428.145 ± 166.827 | 377.632 ±255.334 | 358.914 ±309.153 b | 360.907 ± 100.713 | 497.673± 527.331 | 283.983 ± 138.173 | 436.796 ± 493.820 | 246.976 ± 155.103 | 451.570 ± 261.448 | 297.659 ± 135.544 | 617.446 ± 759.010 | 359.778 ± 281.762 | 306.541 ± 183.673 |

24Mg: magnesium; 31P: phosphorous; 66Zn: zinc. a: p<0.05 vs. baseline; b: p<0.05 vs. 9 months; c: p<0.05 vs. 12 months. CONTROL: Placebo. CLINPRO: Clinpro White Varnish. MI: MI Varnish.