Appendix H. Table 4. Followup urine biochemical measures for allopurinol trials

| **Study** | **Treatment Groups, Urine Collection Method** | **Calcium,**  **Oxalate,**  **Ca-Ox Product,**  **Ca-Ox Supersaturation** | **Uric Acid, Uric-A Supersaturation** | **Phosphate, Ca-P Supersaturation** | **Citrate, Sodium, Magnesium** | **Potassium (K), Volume, pH** |
| --- | --- | --- | --- | --- | --- | --- |
| Ettinger, 198622 | A. Allopurinol 300 mg/d (n=36)  B. Placebo (n=36)  24 hour collection  Study reported any data on participant compliance/adherence: Yes (tablet counts) | CALCIUM  Baseline  Mean mg (SD):  A (n=29) 238 (74)  B (n=31) 211 (83)  % hyperCa: NR  F/u Time 1: 6 mo.  Mean mg (SD):  A (n=29) no signif change  B (n=31) no signif change  % hyperCa: NR  OXALATE  Baseline  N  Mean (SD): NR  % hyperOx: NR  F/u Time 1: mo.  N  Mean (SD): NR  % hyperOx: NR  CA-OX PRODUCT  Baseline  N | URIC ACID  Baseline  Mean mg (SD):  A (n=29) 1017 (214)  B (n=31) 935 (134)  % hyperUA: NR  F/u Time 1: 6 mo.  Mean mg (SD):  A (n=29) 660 (55)  B (n=31) 885 (50)  % hyperUA: NR  URIC-A SUPERSAT  Baseline  N  Mean (SD): NR  F/u Time 1: mo.  N  Mean (SD): NR | PHOSPHATE  Baseline  N  Mean (SD): NR  % hyperP: NR  F/u Time 1: mo.  N  Mean (SD): NR  % hyperP: NR  CA-P SUPERSAT  Baseline  N  Mean (SD): NR  F/u Time 1: mo.  N  Mean (SD): NR | CITRATE  Baseline  N  Mean (SD): NR  % hypoCit: NR  F/u Time 1: mo.  N  Mean (SD): NR  % hypoCit: NR  SODIUM  Baseline  N  Mean (SD): NR  % hyperNa: NR  F/u Time 1: mo.  N  Mean (SD): NR  % hyperNa: NR  MAGNESIUM  Baseline  N  Mean (SD): NR  % hypoMg: NR  F/u Time 1: mo.  N  Mean (SD): NR  % hypoMg: NR | POTASSIUM  Baseline  N  Mean (SD): NR  % hypoK: NR  F/u Time 1: mo.  N  Mean (SD): NR  % hypoK: NR  VOLUME  Baseline  N  Mean (SD): NR  F/u Time 1: mo.  N  Mean (SD): NR  pH  Baseline  N  Mean (SD): NR  F/u Time 1: mo.  N Mean (SD): NR |

| Appendix H. Table 4. Followup urine biochemical measures for allopurinol trials (continued) | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Study** | **Treatment Groups, Urine Collection Method** | **Calcium,**  **Oxalate,**  **Ca-Ox Product,**  **Ca-Ox Supersaturation** | **Uric Acid, Uric-A Supersaturation** | **Phosphate, Ca-P Supersaturation** | **Citrate, Sodium, Magnesium** | **Potassium (K), Volume, pH** |
|  |  | Mean (SD): NR  Time 1: mo.  N  Mean (SD): NR  CA-OX SUPERSAT  Baseline  N  Mean (SD): NR  Time 1: mo.  N  Mean (SD): NR |  |  |  |  |
| Miano, 198523 | A. Allopurinol 300 mg/d (n=8)  B. Placebo (n=7)  24 hour collection  Study reported any data on participant compliance/adherence: No | CALCIUM  Baseline  Mean mg (SD):  A (n=8) 203 (34)  B (n=7) 218 (14)  % hyperCa: NR  F/u Time 1: 36 mo.  Mean mg (SD):  A (n=8) 210 (44)  B (n=7) 218 (31)  % hyperCa: NR  OXALATE  Baseline  N  Mean (SD): NR  % hyperOx: NR  F/u Time 1: mo.  N  Mean (SD): NR  % hyperOx: NR  CA-OX PRODUCT  Baseline  N  Mean (SD): NR  Time 1: mo.  N  Mean (SD): NR  CA-OX SUPERSAT  Baseline  N  Mean (SD): NR  Time 1: mo.  N  Mean (SD): NR | URIC ACID  Baseline  Mean mg (SD):  A (n=8) 513 (136)  B (n=7) 421 (55)  % hyperUA: NR  F/u Time 1: 36 mo.  Mean mg (SD):  A (n=8) 444 (103)  B (n=7) 482 (67)  % hyperUA: NR  URIC-A SUPERSAT  Baseline  N  Mean (SD): NR  F/u Time 1: mo.  N  Mean (SD): NR | PHOSPHATE  Baseline  N  Mean (SD): NR  % hyperP: NR  F/u Time 1: mo.  N  Mean (SD): NR  % hyperP: NR  CA-P SUPERSAT  Baseline  N  Mean (SD): NR  F/u Time 1: mo.  N  Mean (SD): NR | CITRATE  Baseline  N  Mean (SD): NR  % hypoCit: NR  F/u Time 1: mo.  N  Mean (SD): NR  % hypoCit: NR  SODIUM  Baseline  N  Mean (SD): NR  % hyperNa: NR  F/u Time 1: mo.  N  Mean (SD): NR  % hyperNa: NR  MAGNESIUM  Baseline  N  Mean (SD): NR  % hypoMg: NR  F/u Time 1: mo.  N  Mean (SD): NR  % hypoMg: NR | POTASSIUM  Baseline  N  Mean (SD): NR  % hypoK: NR  F/u Time 1: mo.  N  Mean (SD): NR  % hypoK: NR  VOLUME  Baseline  Mean mL (SD):  A (n=8) 1314 (497)  B (n=7) 1439 (368)  F/u Time 1: 36 mo.  Mean mL (SD):  A (n=8) 1389 (312)  B (n=7) 1653 (413)  pH  Baseline  N  Mean (SD): NR  F/u Time 1: mo.  N Mean (SD): NR |

**Abbreviation:** NR = not reported