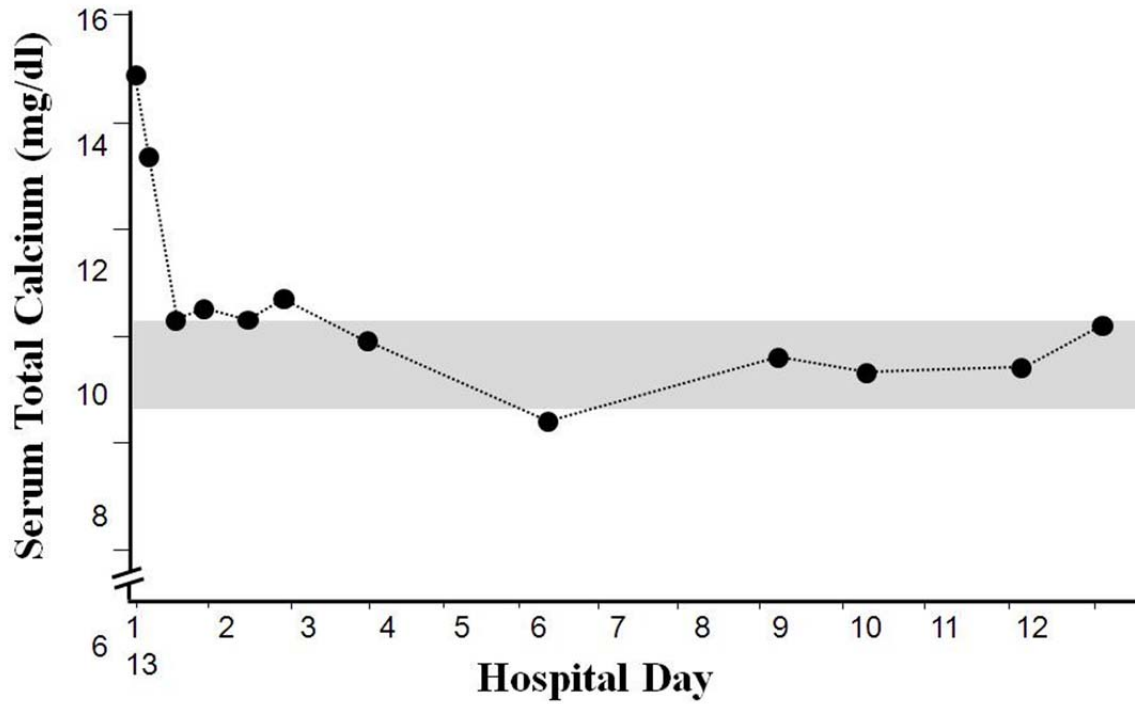


Supplemental Figure 1.



Immobilization Hypercalcemia

Six hours after the fall and fractures, serum total calcium level was 14.9 mg/dl (shaded rectangle = reference range). Hemodialysis using a low calcium bath over the subsequent week rapidly corrected the hypercalcemia.

Supplemental Table 1.

**Lifelong Hypophosphatasemia In Hypophosphatasia
Despite Chronic Renal Failure and Acute Fractures***

Pt. Age (yrs)	Serum Alkaline Phosphatase	Serum Creatinine
40	16 (30 - 80 IU/L)	1.6 (0.8 - 1.3 mg/dl)
"	22 " " "	1.4 " " "
42	29 (45 - 115 IU/L)	1.4 (0.7 - 1.5 mg/dl)
53	13 (18 - 94 IU/L)	2.8 " " "
"	12 " " "	2.8 " " "
"	28 (38 - 126 IU/L)	Peritoneal Dialysis
54	38 " " "	Hemodialysis
55 [†]	36 " " "	" "
57 [#]	18 " " "	" "

* Normal ranges given in parentheses.

† One day after traumatic fractures.

At death