**Table S1** Clinical characteristics between patients with and without admission ionized calcium measurement

|  |  |  |  |
| --- | --- | --- | --- |
|  | No admission ionized calcium measurement | Admission Ionized calcium measurement | p-value |
| Age (year) | 61±18 | 62±17 | <0.001 |
| Male | 53% | 55% | <0.001 |
| Caucasian  | 93% | 92% | <0.001 |
| GFR (ml/min/1.73m2) | 78±28 | 74±31 | <0.001 |
| Charlson score | 1.8±2.3 | 2.1±2.5 | <0.001 |
| Principal diagnosis* Cardiovascular
* Hematology/Oncology
* Infectious disease
* Endocrine/metabolic
* Respiratory
* Gastrointestinal
* Genitourinary
* Injury and poisoning
* Other
 | 21%15%3%3%4%9%4%15%25% | 27%19%4%3%5%10%3%14%15% | <0.001 |

Figure S1 study flow chart

