Assessed for eligibility (n)
(adult admissions to one of the 5 ICU's)

Excluded (n)
- ICU <48h
- 25(OH)D >20ng/ml
- study medication intake not possible
- DNR orders/imminent death
- hypercalcemia
- ...

Underwent randomization (n)

Assigned to vitamin D (n)
- Received intervention (n)
- Discontinued intervention (n)
  o Withdrew or withheld consent (n)
  o Consented to data analysis, but no further study drug intake (n)

Lost to follow up (n)
Analyzed (n)

Assigned to placebo (n)
- Received intervention (n)
- Discontinued intervention (n)
  o Withdrew or withheld consent (n)
  o Consented to data analysis, but no further study drug intake (n)

Lost to follow up (n)
Analyzed (n)