



## MEDICAL TIPS

### LIPONORM TABLETS

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#### **Age- and dose-dependent effect of statin use on the risk of osteoporotic fracture in older adults**

*Seo DH, et al. Osteoporosis Int. 2023: 1-10.*

- Elderly patients (n=365,656) without previous history of osteoporosis on statins were observed and followed up for 6.27 years to understand the association of statin use with osteoporosis.
- Compared with non-users, statin use was associated with a decreased risk of all outcomes - major osteoporotic fractures, hip fractures, and vertebral fractures (P<0.001).
- Patients with statin initiated at age  $\geq 80$  years had the highest risk reduction for most outcomes in comparison to non-users.
- Higher cumulative dose of statin was negatively associated with osteoporotic fracture risk.

**Statin use is associated with significant reduction in the risk of osteoporotic fractures in general older population.**

