



## MEDICAL TIPS

**LIPONORM Tablets**

**Issue II, No.8, 2024**

### **Association between pre-ICU statin use and ARDS mortality in the MIMIC-IV database: a cohort study**

*Mao H, et al. Front. Med. 2023; 10: 1328636.*

- Acute respiratory distress syndrome (ARDS) is a severe condition associated with high morbidity and mortality.
- A retrospective analysis of 10, 042 patients with ARDS was conducted to investigate the therapeutic benefits of pre-intensive care unit (ICU) statin use in relation to the prognosis of patients with ARDS.
- A significant association between pre-ICU statin use and a reduction in ICU stay (0.84 days) was found.
- Patients who used statins before ICU admission experienced a lower prevalence of mortality at 30 days (39% reduction) and 90 days (38% reduction) compared non-statin users.

**Use of statins before ICU admission provides potential clinical advantages in patients with ARDS.**

