



MEDICAL TIPS

LIPONORM Tablets

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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.

