

## **Early High-dose Atorvastatin Treatment Improved Serum Inflammatory Markers and Functional Outcome in Atherosclerotic Stroke.**

Tuttolomondo A, et al. *Medicine (Baltimore)*. 2016; 95(13): e3186.

- **Statins have beneficial effects on cerebral circulation and brain parenchyma during ischemic stroke and reperfusion.**
- At 72 hours and 7 days after admission, stroke patients treated with atorvastatin 80 mg in comparison with stroke subjects not treated with atorvastatin, showed **significantly lower serum levels of markers of immune-inflammatory activation** (tumor necrosis factor- $\alpha$ , interleukin [IL]-6).
- **Improved functional outcomes** were also demonstrated (National Institutes of Health Stroke Scale).

**Atorvastatin administered immediately after an atherosclerotic ischemic stroke lowers level of immune-inflammatory markers during the acute phase of stroke.**

**Its early use is associated with a better functional and prognostic profile.**