

Evaluating the Efficacy of Atorvastatin on Patients with Carotid Plaque by an Innovative Ultrasonography

Zhu Yi-Cheng et al. J Stroke Cerebrovasc Dis 2019; 28 (3): 830-837.

- A total of 82 carotid plaques patients were randomized into treatment group and control group. Patients in treatment group received a dose of 20 mg atorvastatin per day for 6 months while those in control group received placebo instead.
- Patients with atorvastatin treatment received marked improvement in total cholesterol, triglyceride, and LDL-cholesterol compared with those in control group ($P < .001$).
- In treatment group, intraplaque neovascularization reduced from 69.23% to 48.72%.

Atorvastatin treatment works for patients with carotid plaque by reducing LDL-cholesterol and improving plaque regression.