

Clinical Efficacy and Safety of Statin Treatment after Carotid Artery Stenting (CAS)

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- Patients were randomly divided into statin group (n = 82) and control group (n = 78). The patients in statin group received 40 mg atorvastatin daily 7 days before operation.
- Thirty days after CAS, the incidences of transient ischemic attack (12.20% vs. 26.92%), ischemic stroke (6.10% vs. 16.67%), and other cardiac complications (7.32% vs. 19.23%) were significantly lower in statin group than in the control group.
- Multiple analysis demonstrated that statin use exerted protective effect against ischemic stroke and other cardiac complications.

Pre-treatment with statin is an effective and safe strategy to prevent from perioperative complications and to improve postoperative outcomes in patients undergoing CAS.

