

## **5 years of carotid endarterectomies – a retrospective review**

Veland EA, Pettersen EM  
Sørlandet Hospital Kristiansand

A retrospective review of carotid endarterectomy (CEA) procedures performed at Sørlandet Sykehus HF Kristiansand from 2019 to 2023 was performed. The review aimed to assess the frequency and identify risk factors for postoperative hyperperfusion and hypertension, along with assessment of the quality of care for this patient group. Data were manually extracted from electronic charts, resulting in a comprehensive internal quality registry of 111 procedures involving 109 patients. Key variables such as patient demographics, comorbidities, blood pressure readings, and surgical outcomes were included. In addition to providing data on quality of care, the review highlights some of the complexities and risks associated with carotid surgery, including potential complications such as postoperative hypertension, stroke, and bleeding. The findings aim to enhance the understanding of patient outcomes and improve the quality of care in the treatment of carotid stenosis at our vascular centre.