

## **National Clinical Audit and Patient Outcomes Programme**

### **Project Summary**

---

#### **National Carotid Interventions Audit (Round 2)**

##### **Purpose**

- To assess the current speed of delivery of carotid intervention in the UK
- To assess variations in access and quality of care for patients needing carotid intervention
- To assess 30-day mortality and complications rates following carotid intervention
- To observe changes over time in the quality of care following carotid intervention

##### **Methodology**

Data collection is via a web-based tool, which is a part of the National Vascular Database ([www.nvdonline.org.uk](http://www.nvdonline.org.uk)).

The data (about organisation of services, process and outcome) are analysed by medical statisticians within the Clinical Standards Department of the Royal College of Physicians.

##### **Key Quality Indicators**

Key indicators are currently in the process of being developed. The Steering will finalise these by the end of October 2009.

##### **Data Collection Schedule**

Data collection is continuous over each round of the audit. The current round (Round 2) covers all carotid endarterectomy operations and carotid angioplasty/stenting procedures undertaken between 1st January 2008 and 30th September 2009.

The deadline for submitting these data is 31st December 2009.

##### **Is the Audit Process or Outcome focused?**

The audit collects both process and outcome data.

##### **Who is involved in the audit?**

All consultant surgeons and interventional radiologists who undertake carotid interventions are eligible to participate in the audit.

All patients who undergo either carotid endarterectomy and/or carotid angioplasty/stent over the Round 2 audit period should be included in the audit.

The audit is run by the Clinical Standards Department of the Royal College of Physicians and the Vascular Society of Great Britain and Ireland. The audit is funded and managed by the Healthcare Quality Improvement Partnership as part of the National Clinical Audit and Patient Outcomes Programme.

The following professional bodies are represented on the Steering Group:

- The British Society of Interventional Radiologists
- British Association of Neurologists
- British Geriatrics Society
- Association of Anaesthetists of Great Britain and Ireland
- Society of Vascular Nurses
- Society of Vascular Technologists

#### **Who are the main stakeholders?**

- Patients
- Trusts that offer carotid interventions
- Surgeons and interventional radiologists who undertake carotid interventions in their current practice
- Vascular nurses
- Vascular technologists
- Stroke physicians
- Neurologists
- Elderly medicine consultants
- Healthcare Quality Improvement Partnership

#### **Date of the next Annual Report and outline content**

Reports are produced at the end of each audit round. The next audit report will be available at the end of March 2010. The content will include:

- Executive summary
- Audit methodology
- Audit results with key messages, comments from the clinical leads and scores on key indicators
- Comparison to HES data such as admissions (caseload), case-mix, length of stay and outcomes
- List of participating trusts.