

## **CLINICAL POLICY ADVISORY GROUP (CPAG)**

## NHS Derby and Derbyshire ICB Position Statement on Asymptomatic carotid artery stenosis screening

## **Statement**

NHS Derby and Derbyshire ICB has deemed that Asymptomatic carotid artery stenosis screening should not routinely be commissioned.

This guidance applies to those 18 years and over.

- Screening for carotid artery stenosis should NOT be performed in asymptomatic individuals
- There is no indication for asymptomatic screening even in patients with known peripheral vascular disease
- Other than to risk stratify patients for coronary intervention, there is no indication for asymptomatic screening of the carotid arteries in patients undergoing other forms of cardiac surgery
- There is no routine indication for follow up for asymptomatic patients with carotid artery stenosis.

Please note that this guidance is intended as a standard threshold for access. However, if you/ your patient falls outside of these criteria, the option to apply for an Individual Funding Request is still available to you.

Additionally, there is no evidence that patients diagnosed with peripheral vascular disease benefit from undergoing carotid artery stenosis screening for this indication only. There is no clear evidence for being able to risk stratify an asymptomatic patient population for carotid artery stenosis screening.

The ICB's commissioning intentions will be reviewed periodically. This is to ensure affordability against other services commissioned by the ICB.



## Reference

- Asymptomatic carotid artery stenosis screening EBI accessed (04/02/25)
- Flaherty, M. L., et al. 2013. Carotid artery stenosis as a cause of stroke. Neuroepidemiology 40(1): 36-41.
- Force, U. P. S. T. 2021. Screening for Asymptomatic Carotid Artery Stenosis: US Preventive Services Task Force Recommendation Statement. JAMA 325(5):476-481.
- Mortimer, R., et al. 2018. Carotid artery stenosis screening: where are we now? The British Journal of Radiology. 91(1090): 20170380-20170380.
- Barnett, H. J. M., et al. 1991. Beneficial effect of carotid endarterectomy in symptomatic patients with high-grade carotid stenosis. N Engl J Med 325(7): 445-453.
- Jahromi, A. S., et al. 2005. Sensitivity and specificity of color duplex ultrasound measurement in the estimation of internal carotid artery stenosis: A systematic review and meta-analysis. Journal of Vascular Surgery 41(6): 962-972.
- Royal College of Physicians. National clinical guideline for stroke 5th edition. London.
  2016 Royal College of Physicians
- Naylor A.R, Ricco J-b, de Borst G.J et al Management of Atherosclerotic Carotid and Vertebral Artery Disease: 2017 Clinical Practice Guidelines of the European Society for Vascular Surgery (ESVS). Eur J Vasc Endovasc Surg (2018) 55, 3e81
- Thapar A, Munster A, Shalhoub J, Davies A, Testing for asymptomatic carotid disease in patients with arterial disease elsewhere. Reviews in Vascular Medicine 1(4):81-84
- NICE. Stroke and transient ischaemic attack in over 16s: diagnosis and initial management [NG128]. 2019

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