

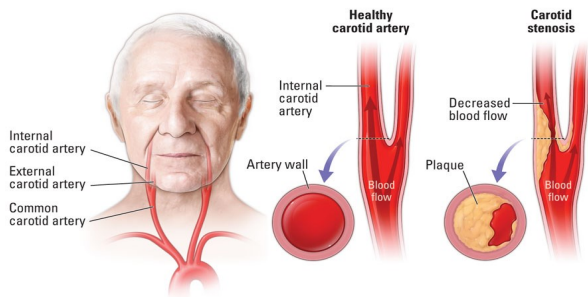


## Stroke is Preventable

Stroke is a leading cause of death and disability. It can cause devastating life changing consequences for you and your loved ones.

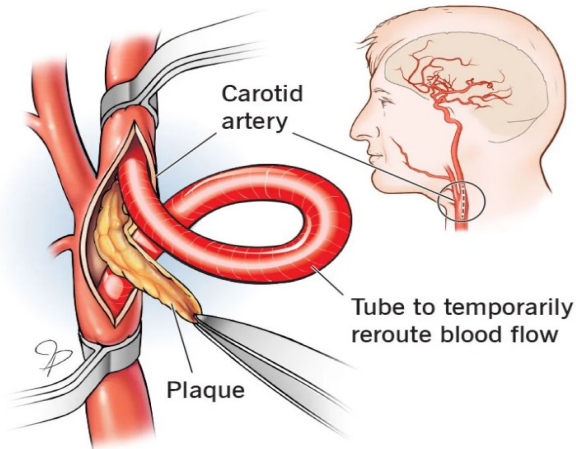
A stroke occurs when a blood clot or plaque blocks the blood flow to your brain and causes permanent brain damage. Major risk factors for having a stroke include diabetes mellitus, smoking and hypertension.

**Carotid artery disease is the second leading cause of stroke worldwide.** Your carotid arteries transport blood to your brain. Plaque build up in the carotid artery blocks the flow of blood and can lead to stroke. This blockage is known as a **carotid stenosis**.



**Carotid stenosis can be surgically treated to reduce your future risk of stroke or death.** Surgery for carotid stenosis is recommended by all major bodies including the Society for Vascular Surgery, American Stroke Association, European Stroke Organization and the European Society for Vascular Surgery.

## Carotid Endarterectomy

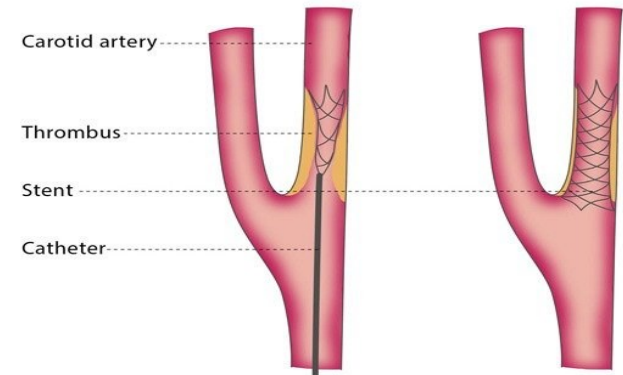


## Carotid Endarterectomy

Carotid Endarterectomy is a surgical procedure where a small incision is made on the neck and carotid artery is exposed, opened and the plaque that has built up inside the artery is removed. The removal of the plaque clears the blockage in the artery that causes stroke. Once the plaque has been removed then the carotid artery is repaired and the wound is closed. The procedure takes approximately 60-90 minutes. **Over 40 years of research has shown that this procedure can reduce your risk major stroke or death by up 80% in selected patients**

## Carotid Stenting

Carotid Stenting is a less invasive alternative to carotid surgery. A stent is metal ring that relines your artery with a metal pipe. The metal pipe is introduced from the inside of the artery using minimally invasive, endovascular techniques and will stay there permanently. The stent traps the



plaque in place and props opens the blocked artery to remove the blockage that can cause stroke. It is a safe treatment and is fully FDA approved in the USA and Europe.

**Research outcomes from major clinical trials have shown that carotid stenting is just as safe and effective as carotid endarterectomy in reducing the risk of stroke or death**

**Book your consultation to determine whether you would benefit from carotid surgery to lower your risk of future stroke or death.**



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