

## What is Open Vascular Surgery?

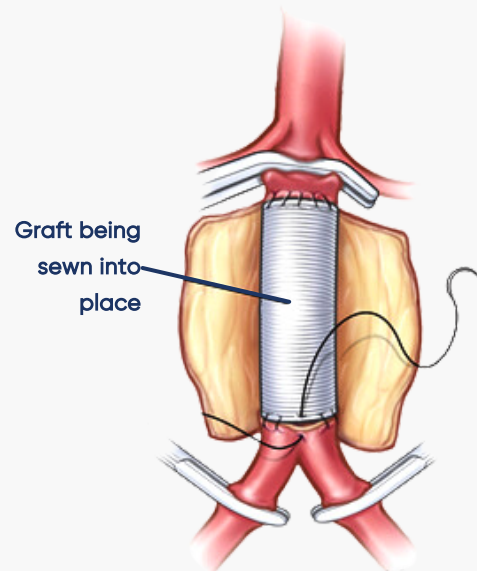
Open vascular surgery is an approach that involves making a traditional surgical incision to access and repair blood vessels. Open vascular surgery is typically used when less invasive techniques, such as endovascular procedures, are not suitable. Open vascular surgery is performed on various blood vessels throughout the body to address conditions like aneurysms and blockages.

## What Procedures Are Performed Using Open Techniques?

Although Dr Theivendran uses minimally invasive (endovascular) techniques for treating vascular problems where possible, there are situations where open surgery is the more effective, preferred, or the only option available. They include:

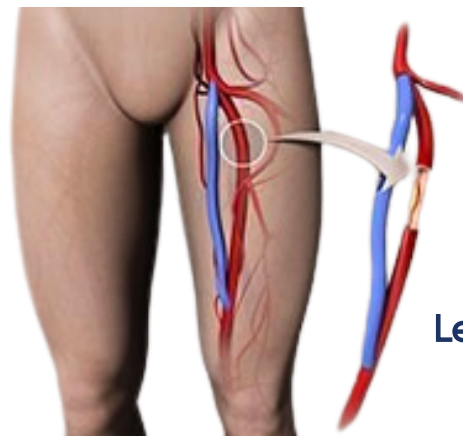
- Open abdominal surgery for aortic aneurysm repair
- Open thoraco-abdominal aortic aneurysm repair
- Open carotid endarterectomy
- Open peripheral arterial bypass graft
- Open femoral endarterectomy
- Open aortobifemoral bypass
- Open thrombo-emblectomy
- Open popliteal aneurysm repair
- Open visceral artery aneurysm repair
- Open surgery for vascular trauma
- Open varicose vein surgery

## Aortic Aneurysm Repair



## Preparing For Endovascular Surgery

Before open vascular surgery, you will receive a comprehensive pre-operative assessment. At this appointment, Dr Theivendran will explain the procedure, the potential risks, and the expected benefits. You may need to stop certain medications or adjust your diet in preparation. It's essential to provide a complete medical history, including any allergies and a list of your current medications. Quitting smoking is strongly recommended before surgery.

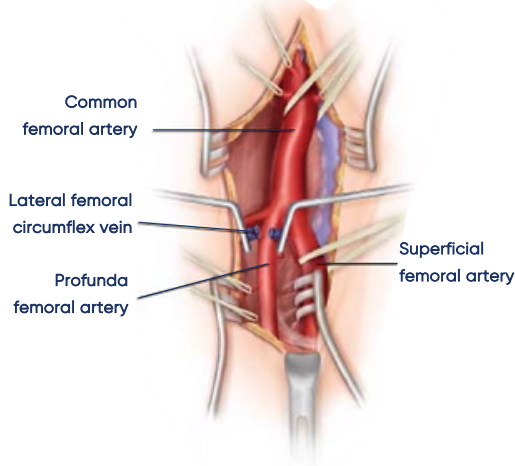


## Leg Bypass

# Open Vascular Surgery

## Patient/ Carer Information

### Femoral Endarterectomy



### What Happens During the Procedure?



#### ANESTHESIA

Depending on the complexity of the procedure, you may be given local anesthesia or be completely asleep under general anesthesia.



#### INCISION

A surgical incision will be made over the affected area, allowing the surgeon access to the blood vessels.



#### VASCULAR REPAIR

The surgeon will perform the necessary repairs, which may include bypass grafting, patching, or removal of plaque.



#### CLOSURE

After completing the repairs, the incision will be closed with sutures or staples.



#### HOSPITAL STAY

The length of your hospital stay depends on the complexity of the procedure and your individual health. Once your condition has stabilised, you will be moved to the ICU or general ward. If you are going home on the same day as your surgery, you'll need to have someone pick you up from the hospital. If you've had general anaesthetic, do not drive or make important decisions for 24 hours following your procedure.

### Recovery

Dr Theivendran's team will provide instructions on at-home wound care, activity restrictions, and medication management. It's crucial to follow these guidelines carefully to facilitate a successful recovery. You will need to schedule a follow-up appointment with Dr Theivendran.

### Potential Risks & Complications

While open vascular surgery is generally safe and effective, there are potential complications, such as bleeding, infection, blood clots, or problems with the graft or repaired vessel. It's not possible to generalise about complication rates because there are many different factors involved. In general, the simpler the procedure, the less likely you are to experience a complication. Factors that increase the risk of complications include, older age, smoking, obesity, diabetes, lung, heart or kidney disease. Sometimes a second surgery or a longer hospital stay may be required to resolve a complication.

3%



Wound infection

<2%



Bleeding

<1%



Bleeds/ thrombosis of vessels

<1%



Adverse reactions to anesthesia

<0.5%



Injury to bowel/ bladder/ kidney



Dr Mayo Theivendran will discuss these risks with you and take necessary precautions to minimize them.

### Sydney Locations

#### North Shore Health Hub

Tower A, Level 2, Suite 205  
7 Westbourne St  
St Leonards NSW 2065  
Provider Number - 252959PB

#### Northern Beaches Hospital

Level 7, Suite 15  
105 Frenchs Forest Rd West  
Frenchs Forest NSW 2086  
Provider Number - 5316965J

#### The PARKWAY San Clinic

Level 2, Suite 207  
172 Fox Valley Rd  
Wahroonga NSW 2076  
Provider Number - 5316967H