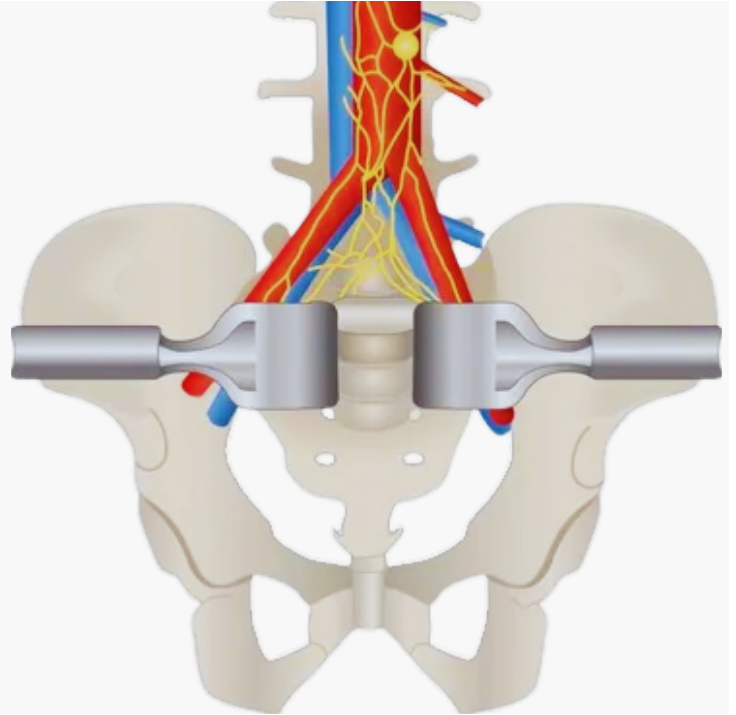


What is an ALIF procedure?

Anterior Lumbar Interbody Fusion (ALIF) is a surgical procedure commonly used to treat certain spinal conditions. In ALIF surgery, the spinal surgeon is typically accompanied by a vascular surgeon to ensure the safety and success of the procedure.

This handout aims to provide an overview of the vascular surgeon's role in ALIF surgery and their collaboration with the spinal surgeon.



Pre-operative Evaluation

Dr Mayo Theivendran plays a crucial role in the pre-operative evaluation of the patient undergoing ALIF surgery. He will assess your vascular health, identify any existing conditions or potential risks that may affect your surgical outcome. Dr Theivendran will require you to complete an aorto-iliac and abdominal venous ultrasound to evaluate the blood vessels in the surgical area and assess their suitability for the procedure.

Surgical Planning

Collaborating with the spinal surgeon, Dr Theivendran contributes to the overall surgical plan for ALIF surgery. He will assess the vascular anatomy and plan the surgical approach, taking into consideration the location of blood vessels and potential variations that may impact the procedure. Dr Theivendran provides his expertise to ensure the surgical plan maximizes patient safety and minimizes the risk of vascular complications during the procedure.

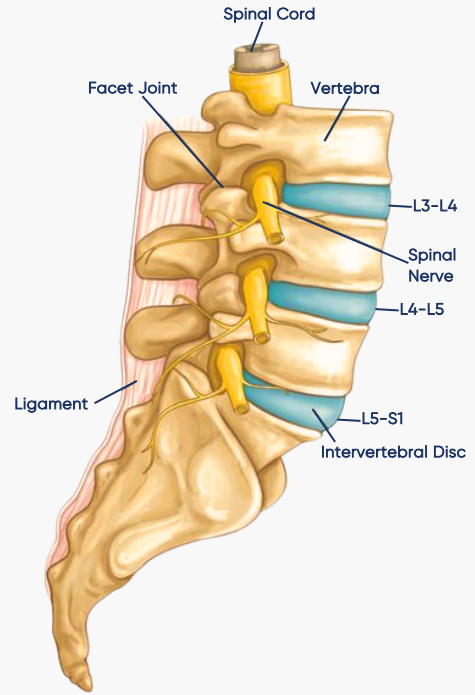
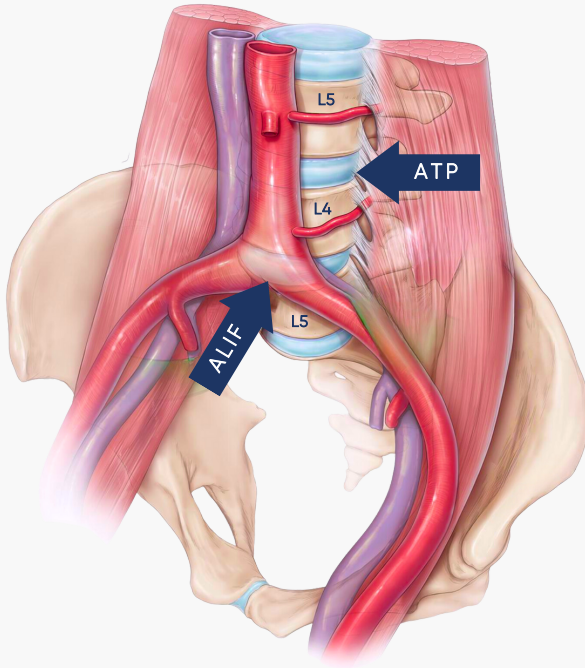
Vascular Complication Management

In the event of a vascular complication during ALIF surgery, Dr Theivendran is immediately available to provide prompt intervention. Dr Theivendran has the necessary skills to manage vascular injuries, such as vessel lacerations or bleeding, ensuring rapid control and appropriate repair. The presence of a vascular surgeon enhances the safety and efficiency of the procedure, as they can promptly address any unforeseen vascular complications.







Post-operative Care

After the completion of ALIF surgery, Dr Theivendran may be involved in the post-operative care, particularly in monitoring vascular healing and recovery. They collaborate with the spinal surgeon and the healthcare team to ensure the patient's overall well-being during the post-operative period.

Anterior Lumbar Interbody Fusion



Vascular Exposure Risks of ALIF Surgery

- 3%**  Wound infection
- 3%**  Sexual dysfunction in males
- <2%**  Chronic pain
- <1%**  Bleeds/ thrombosis of vessels
- <1%**  Seroma or fluid collection (Self resolves)
- <0.5%**  Injury to bowel/ bladder/ kidney

Intraoperative Support

During ALIF surgery, Dr Theivendran assists the spinal surgeon by providing specialized expertise in managing vascular structures. He works in close coordination with the spinal surgeon to expose the surgical site while protecting the blood vessels. Dr Theivendran ensures the safe identification and preservation of vital blood vessels and organs while the spinal surgeon focuses on the spinal structures and performs the interbody fusion.

Contact Details



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Sydney Locations

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|---|---|--|
| <p>North Shore Health Hub
Tower A, Level 2, Suite 205
7 Westbourne St
St Leonards NSW 2065</p> | <p>Northern Beaches Hospital
Level 6, Suite 8
105 Frenchs Forest Rd West
Frenchs Forest NSW 2086</p> | <p>The PARKWAY San Clinic
Level 2, Suite 207
172 Fox Valley Rd
Wahroonga NSW 2076</p> |
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If you have any questions for Dr Theivendran or our team, please don't hesitate to contact our rooms on **(02) 9066 6547**