



VASCULAR SURGERY DEPARTMENT

Vascular surgery Curriculum

1. Embryology
2. Arterial wall biology
3. Atherosclerosis
4. Intimal hyperplasia
5. Ischemia- reperfusion
6. Arterial aneurysms
7. Arteriogenesis
8. Thrombosis and hemostasis
9. Anti thrombotic agents
10. Arterial hemodynamics
 - Arterial physiologic assessment
 - Angiography for vascular surgeon
11. Basic technique:
 - Open surgical
 - Endovascular
 - Aortic stent



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12. Perioperative management
13. Lower extremity arterial disease
14. Aortoiliac disease
15. Infra-inguinal disease:
 - Femero-popliteal disease
 - Tibioperoneal disease
 - Ischemia of the foot
16. Diabetic foot ulcers
17. Lower extremity amputation
18. Renovascular disease
19. Cerebrovascular disease
20. Thoracic outlet syndrome
21. Diseases of abdominal aorta
22. Aortic dissection
23. Thoracic and thoracoabdominal aneurysms
24. Peripheral aneurysms
25. Mesenteric vascular diseases
26. Varicose veins
27. Chronic venous insufficiency
28. Vascular trauma
29. Superficial and deep venous thrombosis
30. Vascular access
31. Vascular grafts



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- 32. Sympathectomy
- 33. Lymphatic diseases and surgery
- 34. Vasculitis
- 35. Congenital vascular malformation
- 36. Acute limb ischemia
- 37. Complications of vascular surgery

Head of The Department

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