

BRANCH – VIII M.Ch. VASCULAR SURGERY

CORE SYLLABUS:

1. Surgical approach to Vascular Problem.
 2. Haemodynamics and Diagnosis of arterial and venous diseases-Basic techniques and application and vascular laboratory.
 3. Fundamental Therapeutic & Technical Considerations.
 4. **Arterial Diseases :-**

Arterial wall pathology in atherosclerosis, Buerger;s diseases, Atherogenesis, Non-specific aoto-arteritis, Arterial Aneurysms, Fubromuscular dysplasia, Uncommon Arteriopathics, etc.

 - a. Acute Limb Ischemia: Arterial Thromboembolism, Drug abuse Vascular injuries, etc.
 - b. Chronic Limb Ischemia: Management and reconstructive surgeries for occlusive arterial disease, Extra anatomic bypass, Lumbar and cervical sympathectomies, Diabetic foot and its management, etc.
 5. **Venous Diseases:-**

Chronic venous insufficiency-diagnosis, management, post-phlebitic sequelae, varicose veins, perforator, incompetence, Deep venous valvular incompetence, etc.
 6. Diagnosis and Management of extra cranial cerebrovascular diseases.
 7. Diagnosis and surgical management of portal hypertension.
 8. Diagnosis and surgical management of reno-vascular hypertension.
 9. Diagnosis and management of visceral ischemic syndrome.
 10. Management of Arterio venous malformation – Congenital and Acquired.
 11. Diagnosis and the management of Neuro-vascular conditions involving upper extremities (thoracic outlet syndrome).
 12. Vascular Grafts.
 13. Management of Lymphoedema.
 14. Extremity amputations for vascular diseases.
 15. Noninvasive vascular laboratory (Duplex Scan, CT Scan, MRI, etc.,).
 16. Interventional radiological techniques and its application in vascular diseases.
 17. Endovascular techniques and recent advances.
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*31st S.A.B. dated: 29.06.2006

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