

## **International Atlas of Vascular Clinical Cases Specific Case Needs**

### **SECTION 1. Peripheral Artery Disease: 30 cases**

- Abnormal ABI without symptoms
  - i. Risk factors associated with PAD and risk factor modification
- Intermittent claudication
  - i. Medical management
  - ii. Percutaneous intervention
  - iii. Surgical intervention
- Critical limb threatening ischemia
  - i. Rest pain
  - ii. Ischemic tissue loss
- Acute limb ischemia
  - i. Embolic disease
  - ii. Thrombosis of fixed disease
  - iii. Aneurysmal disease
  - iv. Hypercoagulability
  - v. Iatrogenic
  - vi. Dissection
  - vii. Ruptured popliteal aneurysm
- Non-atherosclerotic PAD
  - i. FMD
  - ii. Popliteal artery entrapment
  - iii. Cystic adventitial disease
  - iv. Iliac endofibrosis
- Upper Extremity
  - i. Atherosclerotic
  - ii. Aneurysmal disease
  - iii. Thoracic outlet

### **SECTION 2. Microcirculatory and vasculitis: 25 cases**

- Vasospasm
  - i. Raynauds
  - ii. Pernio
  - iii. Acrocyanosis
  - iv. Erythromelalgia
- Large vessel vasculitis
  - i. Takayasu
  - ii. Giant cell
- Medium vessel vasculitis

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- i. PAN
    - ii. Kawasaki
  - Small vessel vasculitis
    - i. ANCA- associated
    - ii. Immune complex-associated
  - Other vasculitis
    - i. Behcet
    - ii. Cogan
  - Thrombotic vasculopathy

### **SECTION 3. Aneurysmal disease and renal-mesenteric disease: 35 cases**

#### *Aortic Aneurysm/Dissection (15 cases)*

- Aortic aneurysm
  - i. Ascending thoracic aorta
  - ii. Descending thoracic aorta
  - iii. Abdominal aorta
- Aortic dissection
  - i. Spontaneous
  - ii. Traumatic

#### *Renal-Mesenteric (20 cases)*

- Renal artery stenosis/occlusion
  - i. Atherosclerosis
  - ii. Dissection
  - iii. Embolism
  - iv. Thrombosis
  - v. Focal/multifocal FMD
- Renal artery aneurysm
- Mesenteric artery stenosis
  - i. Acute: embolism, thrombosis, dissection NOMI, venous thrombosis
  - ii. Chronic: atherosclerosis, FMD, vasculitis, RPF
  - iii. MALS
- Mesenteric artery aneurysm
- Renal Vein Compression

### **SECTION 4. Chronic venous insufficiency: 30 cases**

- GSV insufficiency
  - i. Compression therapy
  - ii. Venous intervention
- SSV insufficiency
  - i. Compression therapy

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ii. Venous intervention

- Venous ulcer
- Spider/reticular veins
- Post thrombotic syndrome

**SECTION 5. Thromboembolic disease: 30 cases**

- Thrombotic APS
- Superficial venous thrombosis
- Pulmonary embolism
  - i. Low-risk
  - ii. Intermediate-risk
  - iii. High-risk
- Deep Vein Thrombosis
  - i. Proximal lower extremity DVT
    - 1. May-Thurner
  - ii. Distal lower extremity DVT
  - iii. Upper extremity DVT
    - 1. Catheter-associated DVTs
    - 2. Thoracic outlet
  - iv. Miscellaneous locations (mesenteric/cerebral)
    - 1. Portal vein thrombosis
      - a. Cancer
      - b. Cirrhosis
      - c. Inflammatory states
    - 2. CVST
    - 3. Ovarian vein thrombosis
  - v. Covid Thrombosis
- IVCF
  - i. Indications
  - ii. Complications
- CTEPH/CTED
  - i. Medical
  - ii. Surgical/Interventional
- Pregnancy Associated Thrombosis
  - i. PE/DVT
  - ii. HITT
  - iii. IVC Filter