

STEP 1 REVIEW

VASCULITIDES

High-Yield Clinical Presentations



- Elder female with headache on 1 side, jaw pain, muscle stiffness
- High ESR
- Can lead to blindness
- Treat with steroids

- Young asian female
- Poorly palpable pulses in upper extremities

- Young male smoker
- Fingers change color and hurt in the cold weather

**Giant cell
(temporal) arteritis**

Takayasu arteritis

**Buerger disease
(thromboangiitis obliterans)**

- Young asian child
- Red eyes and tongue, skin rash, swollen lymph nodes, fever, hand/foot swelling
- Can develop coronary artery aneurysm
- Treat with IVIG and aspirin

Kawasaki disease

- Hepatitis pt
- Fever, abdominal pain, renal microaneurysms

Polyarteritis nodosa

- Middle eastern pt with ulcers
- HLA B51 association

Behcet syndrome

- Pt gets palpable purpura on the skin after taking new medication or recent infection

- Pt with asthma develops purpura, abdominal pain, kidney issues
- Histology shows cell with a bi-lobed nuclei
- MPO-ANCA/p-ANCA

- Sinusitis
- Coughing up blood
- Hematuria
- PR3-anca, c-ANCA

**Leukocytoclastic
vasculitis**

**Eosinophilic
granulomatosis with
polyangiitis (Churg-Strauss)**

**Granulomatosis with
polyangiitis**

- Lung, kidney and skin issues
- No granulomas
- MPO-ANCA, p-ANCA

- Hepatitis C pt develops palpable purpura, weakness, tingling in feet

- Pt with recent respiratory infection develops palpable purpura on butt and legs
- Can lead to abdominal pain from intussusception

Microscopic polyangiitis

Cryoglobulinemia

**IgA vasculitis
(Henoch-Schonlein)**

THANK YOU!

Questions?

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More STEP Resources: medstudentsuccess.com



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