

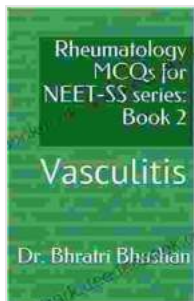
Rheumatology MCQs for NEET: SS Series - Vasculitis

Vasculitis refers to the inflammation of blood vessels, characterized by the infiltration of immune cells and damage to the vessel wall. It can affect blood vessels of different sizes and locations, leading to a wide range of clinical manifestations. This article presents a comprehensive collection of MCQs on vasculitis, specifically designed for NEET-SS aspirants.

MCQs

1. Which of the following is NOT a type of vasculitis?(a)

Granulomatosis with polyangiitis (GPA) (b) Takayasu arteritis (c) Psoriatic arthritis (d) Giant cell arteritis



Rheumatology MCQs for NEET-SS series: Book 2:

Vasculitis by Roger Lemerise

★★★★☆ 4 out of 5

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Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 93 pages
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2. What is the characteristic histological finding in vasculitis?(a)

Neutrophil infiltration (b) Lymphocyte infiltration (c) Granuloma formation (d) Fibrosis

3. Which of the following is a major complication of vasculitis?(a)

Aneurysm (b) Stenosis (c) Ischemia (d) All of the above

4. What is the first-line treatment for most forms of vasculitis?(a)

Corticosteroids (b) Immunosuppressants (c) Biologic agents (d) Antibiotics

5. Which of the following is a specific autoantibody associated with

GPA?(a) Anti-neutrophil cytoplasmic antibody (ANCA) (b) Anti-nuclear antibody (ANA) (c) Anti-double-stranded DNA antibody (d) Anti-Smith antibody

6. Takayasu arteritis primarily affects which type of blood vessel?(a)

Arteries (b) Veins (c) Capillaries (d) All of the above

7. Which of the following is NOT a clinical manifestation of Takayasu

arteritis?(a) Arm claudication (b) Ocular pain (c) Joint pain (d) Fatigue

8. What is the imaging modality of choice for diagnosing Takayasu

arteritis?(a) Magnetic resonance angiography (MRA) (b) Computed tomography angiography (CTA) (c) Positron emission tomography (PET) (d) Ultrasound

9. Which of the following vasculitides is associated with hepatitis B

virus (HBV) infection?(a) Polyarteritis nodosa (PAN) (b) Henoch-Schönlein purpura (HSP) (c) Granulomatosis with polyangiitis (GPA) (d) Kawasaki disease

10. What is the characteristic rash seen in Henoch-Schönlein

purpura?(a) Palpable purpuric lesions (b) Maculopapular rash (c) Urticarial rash (d) Vesiculobullous rash

Answers

1. (c) 2. (c) 3. (d) 4. (a) 5. (a) 6. (a) 7. (c) 8. (a) 9. (a) 10. (a)

Explanations

1. **Psoriatic arthritis** is a type of inflammatory arthritis, not a vasculitis.

2. **Granuloma formation** is a characteristic feature of granulomatous vasculitides, such as GPA.

3. **Vasculitis** can lead to aneurysm (weakening of the vessel wall), stenosis (narrowing of the vessel), and ischemia (inadequate blood flow to tissues).

4. **Corticosteroids**, such as prednisone, are the first-line treatment for most forms of vasculitis to suppress inflammation.

5. **GPA** is associated with ANCA, specifically anti-PR3 and anti-MPO antibodies.

6. **Takayasu arteritis** affects large to medium-sized arteries, particularly the aorta and its main branches.

7. **Joint pain** is not a typical manifestation of Takayasu arteritis.

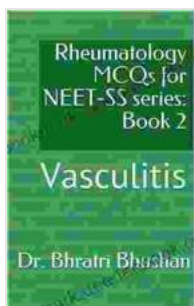
8. **MRA** is the preferred imaging modality for diagnosing Takayasu arteritis as it provides non-invasive visualization of the affected arteries.

9. **Polyarteritis nodosa (PAN)** is frequently associated with HBV infection.

10. **Palpable purpuric lesions** are characteristic of the rash in Henoch-Schönlein purpura, which is caused by vasculitis involving small vessels in

the skin.

This collection of MCQs provides a comprehensive overview of vasculitis, covering its types, histological features, clinical manifestations, complications, and management. NEET-SS aspirants can benefit from practicing these questions to enhance their understanding of this important topic and improve their chances of success in the exam.



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