

CHAPTER 19. INFLAMMATORY BOWEL DISEASE, SELF-ASSESSMENT

QUESTIONS

1. Which mesalamine formulation would be most appropriate for a patient with active ulcerative colitis (UC) who has extensive disease?

- A. Intravenous solution
- B. Delayed-release capsule
- C. Enema
- D. Suppository

2. Which medication is delivered via intravenous infusion?

- A. Budesonide
- B. Infliximab
- C. Balsalazide
- D. Methotrexate

3. Prior to initiating therapy with azathioprine, patients should be evaluated for activity of which enzyme?

- A. Thiopurine methyltransferase
- B. Azathioprine dehydrogenase
- C. Dihydrofolate reductase
- D. Alanine aminotransferase

4. Loperamide should be avoided in patients with active UC due to its ability to induce which one of the following complications?

- A. Toxic megacolon
- B. Intestinal stricture
- C. Fistula formation
- D. Pancreatitis

5. Probiotics may be most helpful in patients with IBD who have:

- A. Pouchitis
- B. Fistulae
- C. Proctitis
- D. Arthritis

6. Which one of the following medications would be contraindicated in a pregnant patient with CD?

- A. Sulfasalazine
- B. Budesonide
- C. Infliximab
- D. Methotrexate

7. Which one of the following disorders is a possible extraintestinal manifestation of inflammatory bowel disease?

- A. Erythema nodosum
- B. Migraine headaches
- C. Asthma

D. Sinusitis

8. The mechanism of action of vedolizumab can best be characterized as:

A. TNF- α inhibition

B. Purine antagonism

C. Folate antagonism

D. Leukocyte adhesion inhibition

9. Budesonide would be most appropriate for use in a patient with Crohn disease when the disease location is confined to the:

A. Duodenum

B. Jejunum

C. Terminal ileum

D. Descending colon

10. Patients receiving the enema formulation of mesalamine should be instructed to:

A. Use the medication on an as-needed basis only

B. Lie on their left side when administering

C. Retain the contents for no more than 30 minutes

D. Avoid administration at bedtime

11. Certolizumab works by inhibiting the activity of:

A. Interleukin-6

B. Leukocyte adhesion molecules

C. Tumor necrosis factor alpha

D. B lymphocytes

12. Combining infliximab and azathioprine may increase a patient's risk for developing:

A. Lymphoma

B. Hepatitis

C. Heart failure

D. Encephalopathy

13. Which condition is considered a contraindication to infliximab therapy?

A. Diabetes

B. Hypothyroidism

C. Dyslipidemia

D. Advanced heart failure

14. Which therapy could be considered for treatment of severe active CD in a patient failing adalimumab?

A. Balsalazide

B. Vedolizumab

C. Olsalazine

D. Budesonide

15. Which medication is most appropriate for quickly suppressing inflammation in patients with moderately active UC who are failing aminosalicylate therapy?

A. Balsalazide

B. Prednisone

C. 6-mercaptopurine

D. Methotrexate

ANSWERS

1. B

2. B

3. A

4. A

5. A

6. D

7. A

8. D

9. C

10. B

11. C

12. A

13. D

14. B

15. B