

MCQS

I- Make the following statements on necrotizing fasciitis (NF) either true (T) or false (F).

- 1- NF is due to infection with group A streptococci in 25% of cases
T F
- 2- NF is caused by synergistic mixed infection with aerobic and anaerobic bacteria in 15% of cases
T F
- 3- Infection may remain dormant for 6 or more days and is associated with collagenase production.
T F
- 4- Infection spreads with dramatic speed and may affect children who did not suffer from any chronic disease or immunosuppression
T F
- 5- Management includes aggressive surgical debridement
T F

II- The necrosis in NF is caused by : mark all correct answers

- 1- Pressure from extensive inflammatory swelling
- 2- Vascular necrosis produced by acceleration of coagulation
- 3- Bacterial extracellular toxins
- 4- Direct invasion of blood vessels and vascular occlusion
- 5- Increased heparinase activity

III- Mark the single most characteristic clinical feature of NF

- 1- Rapid progression after minor trauma
- 2- The necrosis involves fascia and subcutaneous tissue
- 3- The necrotic tissue is undermined easily and shows no resistance to the passage of a blunt instrument along facial plane
- 4- The fasciitis is painful and associated with marked systemic toxemia
- 5- The overlying skin appears normal but

later becomes oedematous, anaesthetic and progresses to gangrene

The differential diagnosis of NF includes the following. Mark all the correct answers :

- 1- Clostridial cellulitis
- 2- Non clostridial cellulitis
- 3- Progressive bacterial synergistic gangrene
- 4- Clostridial myonecrosis
- 5- Peptostreptococcal myositis
- 6- Fournier gangrene syndrome
- 7- Phycomycotic gangrenous cellulitis
- 8- Infected vascular gangrene.

V- Treatment of NF includes the use of hyperbaric oxygen. Mark the true and false statements about this treatment.

- 1- It diminishes the amount of tissue requiring excision
T F
- 2- It inhibits production of toxin by clostridium
T F
- 3- It affects other anaerobic infections caused by nonclostridial organisms
T F
- 4- Cannot be used before surgical debridement
T F
- 5- It has no toxicity
T F

Quiz 1 - Insect bite reaction
Quiz 2 - Fibroma

ANSWER TO

- | | |
|--------------|-----------------|
| I) 1,2,3,4,5 | T |
| II) Correct | 2,3,4,5 |
| III) 3 | |
| IV) Correct | 1,2,3,4,5,6,7,8 |
| V) 1,2,4 | T |
| VI) 3,5 | F |

ANSWER TO MCQS

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