

MCQs

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I- Make the following statement T for True and F for False:

1. Autoantibodies against C-1 esterase inhibitor enzyme will cause urticaria
2. 49% of patients get urticaria alone
3. Hereditary Angioedema is autosomal dominant
4. Acute Urticaria last more than 6-weeks
5. Acute urticaria basic mechanism is type I allergic reaction
6. Degranulation of Mast cell release IL-3 Cytokine as a preformed mediator
7. generalized arachidonic acid metabolites include leukotriene D4
8. IL-1 is produced by Nerves
9. IL-1 is produced by epidermal cells
10. Endothelial cells produce C3a
11. Endothelial cells produce prostaglandin
12. Neutrophils produce Tryptase, Chymase and Leukotriene B4

II- For the numbered phrases choose the suitable lettered one:

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|---|--|
| 1. Contact urticaria may be induced | A. Hands and mouth |
| 2. In chronic urticaria | B. Appear within 10-30 minutes of exposure to contactant |
| 3. Physical urticaria includes | C. Appears within 10 minutes of exposure to physical agent |
| 4. Wheals in urticarial vasculitis | D. Has duration of 2-hours |
| 5. 40% of patients with chronic urticaria | E. Affect palms and soles and lower back |
| 6. Delayed pressure urticaria | F. Have delayed pressure urticaria |
| 7. Wheals of Contact Urticaria | G. Remain 1 – 7 days |
| 8. Linear demographism | H. Adrenergic urticaria |
| 9. Contact urticaria | I. There is reported association with HLA DR-4 |
| 10. Wheals of contact urticaria appear on | J. From hops and Geranial |

III- Mark the following statements T for True and F for False

1. NSAID can aggravate urticaria and asthma in 30 – 50% of cases
2. Codeine may release histamine non-immunologically
3. Atopics are less susceptible to penicillin reactions
4. Angio-tensin converting enzyme inhibitors have direct effect on Kinin
5. Almonds, bananas and tomatoes contain Salicylates
6. Fresh fish is more potent allergenic than stored fish
7. Sulfite reaction has sudden onset within 30 – 60 minutes from taking food
8. Sulfite reaction may be similar to anaphylaxis
9. Sulfite reaction is treated with adrenaline
10. sulfite reaction is treated with atropine
11. vitamin B12 catalyses oxidation of sulfite
12. SLE may present with urticaria

IV- For each numbered phrase choose the suitable lettered phrase

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|--|--|
| 1. Hydroxyzine hydrochloride | A. Its level increases 2- 3 times if given with erythrosine |
| 2. Cyproheptidine | B. A new generation of Cetrizine |
| 3. Periactin total daily dose | C. Is a major metabolite of loratidine |
| 4. Aerius | D. Is 0.25 mg / kg for children |
| 5. Xyzal | E. Is usually safe in pregnancy |
| 6. Fexofenadine | F. Dose for children > 6 years is 50 – 100 mg in divided doses |
| 7. Diphenhydramine | G. Has weak antiandrogen effect and may cause gynaecomastia |
| 8. Ketotifen | H. Are H2 receptor antagonist |
| 9. Doxepin | I. Decrease clearance of corticosteroid |
| 10. Estrogens | J. Coadministered with MAOIS, may cause DIV coagulopathy and death |
| 11. Famotodine, Ranitidine, Cimetidine | K. Dose is 1mg twice daily |
| 12. Cimetidine | L. May exacerbate glaucoma and hyperthyroidism |

V- Chronic urticaria includes – heterogeneous group – choose for each group its correct percentage

- 1. Physical urticaria - 35%
- 2. Idiopathic urticaria - 30%
- 3. Autoimmune urticaria - 24%
- 4. Urticarial Vasculitis - 5%
- 5. Pseudoallergic urticaria - 3%

Answers:

Q-I:	1) - F 2) - F 3) - T 4) - F	5) - T 6) - T 7) - T 8) - F	9) - T 10) - F 11) - T 12) - T
Q-II:	1) - J 2) - I 3) - H 4) - G	5) - F 6) - E 7) - D 8) - C	9) - B 10) - A
Q-III:	1) - T 2) - T 3) - F 4) - T	5) - T 6) - F 7) - F 8) - T	9) - F 10) - T 11) - T 12) - T
Q-IV:	1) - F 2) - E 3) - D 4) - C	5) - B 6) - A 7) - L 8) - K	9) - J 10) - I 11) - H 12) - G

Q-V: - (5%, 3%, 35%, 24%, 30%)