

Vitamin E, Vitamin K, Vitamin B1 and Niacin Pre test

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Indicators required question

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The vitamin termed as cell scavenger is *

- A
- D
- E
- K
- Other:

Which one of the following minerals has a sparing effect on the dietary requirement of vitamin E.

- Copper
- Chromium
- Selenium
- Iron

Which of the following forms of vitamin K is synthesized by intestinal bacteria

- Phylloquinone
- Menaquinone
- Menadiolone
- All the above
- Other:

Conversion of glutamate to gamma-carboxyglutamate requires *

- Vitamin B₁₂
- O₂
- CO₂
- All the above

All the following statement about vitamin K are correct EXCEPT *

- Patient receiving antibiotics for prolong duration are at risk of developing vit K deficiency
- Vitamin K intramuscular injection is given prophylactically to newborns to prevent bleeding disorder
- Decreased prothrombin time indicates vit K deficiency
- Carboxylation of glutamate residues in certain clotting factors requires vit K

Vitamin K deficiency most likely to occur in *

- Chronic alcoholism
- Biliary tract obstruction
- Chronic renal failure
- Lack of Citrus fruits in diet
- Other:

Wernicke-Korsakoff syndrome is seen in *

- Smokers
- Drug Addicts
- Chronic alcoholics
- All the above
- Other:

Bleeding tendency is common in deficiency of all the following except *

- Vitamin K
- Vitamin B₁₂
- Ascorbic Acid
- Platelets
- Other:

Biochemical function of vitamin K is for: *

- Converting proline to hydroxyproline
- Conversion of prothrombin to thrombin
- Gamma carboxylation of clotting factors
- Inhibiting of lipid peroxidation in biomembranes
- Other:

Vitamin E is responsible for all the following EXCEPT *

- It prevents lipid peroxidation
- It prevent RBCs from hemolysis
- It is considered as anti-sterility vitamin
- It favours the oxidation of low-density lipoproteins
- Other:

All the clotting factors are dependent on vitamin K for their activity EXCEPT *

- II
- V
- VII
- IX & X

Vitamin K is used as an antidote to the poisoning due to overdosage of the following drug

- Paracetamol
- Aspirin
- Heparin
- Warafirin

Premature infants are prone to vitamin K deficiency because of *

- Poor placental transfer
- Newborn intestine is devoid of bacteria during first week of neonatal life
- Initial breast-milk (Colostrum) is very low in vitamin K
- All the above
- Other:

Which of the following is poor dietary source of vitamin thiamine *

- Parboiled and polished rice
- Hand-pounded, unpolished rice
- Whole wheat flour
- Ultra-polished, refined rice

A chronic alcoholic presents with motor incoordination, paralysis of eye muscle, mental derangements and delirium. Most likely, it is the deficiency of vitamin

- B₂
- B₁₂
- B₁
- B₆
- Other:

Vitamin K is involved in posttranslational modification of the blood-clotting factors by acting as cofactor for the enzyme

- Carboxylase
- Decarboxylase
- Hydrolase
- Oxidase
- Other:

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