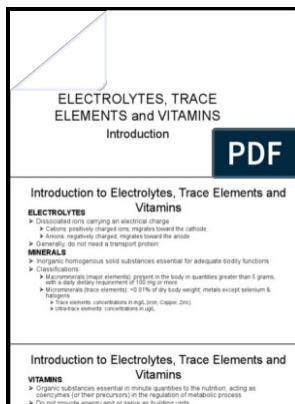


Metabolism of vitamins and trace elements

Elsevier - Vitamins



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- Trace elements -- Metabolism

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Trace Elements and Vitamins

Pregnant women should be careful not to exceed the recommended intake of vitamin A in the first trimester. Retinol and carotene are readily oxidized and are protected by vitamin E.

Influence of diet, vitamin, tea, trace elements and exogenous antioxidants on arsenic metabolism and toxicity

Ascorbic acid improves mitochondrial function in liver of arsenic-treated rat. The requirement for infants is of the order of 0. Some 800 million people are at risk of iodine deficiency, of whom 190 million may develop goitres and more than 3 million are cretinous.

Clinical aspects of vitamin and trace element metabolism

It is widely available in foods of animal origin, especially liver, although cereals and legumes are also sources. Niacytin from maize is neither hydrolysed nor absorbed.

Metabolism of Vitamins and Trace Elements, Volume 21

As acetyl Co A, it carries two carbon groups into the carboxylic acid cycle, thereby forming the final common pathway of the metabolism of fats, sugars, and most amino acids. As part of both coenzyme A and acyl carrier protein, it is also intimately linked with fatty acid synthesis.

Requirements The optimum dietary intake of ascorbic acid has yet to be defined. This anaemia was first described in poor Indian textile workers during pregnancy by Lucy Wills and reflected the increased demands for folate during pregnancy.

Vitamins And Trace Elements

A supplementary diet containing good-quality protein and all of the vitamins is important. The half-life of calcidiol is less than 24 h.

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