



## Alcohol, nutrition, and health consequences /

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Monografía

Alcohol, Nutrition, and Health Consequences provides practical, data-driven resources to help the reader understand the basics, treatments and preventive strategies that are involved in the understanding of how alcohol may affect healthy individuals as well as those with chronic alcohol use with or without relevant infectious diseases, obesity, diabetes and/or neurocognitive declines. It will also help the clinician define the causes and types of nutritional changes due to alcohol use and also explain how nutrition can be used to ameliorate its consequences. Chapters present the application of current nutritional knowledge by physicians and dietitians. Specific areas involving alcohol-related damage due to nutritional changes are reviewed, including heart disease, obesity, digestive tract cancers, lactation, brain function, and liver disease. In addition, alcohol's effects on absorption of minerals and nutrients, a key role in causing damage are treated. The importance of diet in modifying alcohol and its metabolite damage is also explained. Alcohol, Nutrition, and Health Consequences is essential reading for alcohol therapists and researchers as well as primary care physicians and dietitians and is an easy reference to help the clinician, student, and dietitian comprehend the complex changes caused by direct and indirect effects of ethanol at the cellular level via its nutritional modification

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**Descripción física:** 1 online resource (571 p.)

**Mención de serie:** Nutrition and health series

**Nota general:** Description based upon print version of record

**Contenido:** Alcoholic and Nutrition: an Overview -- Genetics of alcohol metabolism -- Laboratory models available to study alcohol and nutrition -- Ethanol-induced lipid peroxidation and apoptosis in embryopathy -- Alcohol Use During Lactation: Effects on the Mother Infant Dyad -- Moderate alcohol administration: oxidative

stress and nutritional status -- Alcohol use and abuse: Effects on Body Weight and body composition -- Alcohol Nutrition and health inequalities -- The effect of diet on protein modification by ethanol metabolites -- Vitamin B12 deficiency in alcoholics -- Alcohol American Indians/Alaskan Natives and Alcohol: Biology, Nutrition and Positive Programs -- Metabolism of Ethanol to Acetaldehyde in the Rat Mammary Tissue. Inhibitory Effects of Plant Polyphenols and Folic Acid -- Dietary zinc supplementation and prenatal ethanol exposure -- Tocotrienol and cognitive dysfunction induced by alcohol -- Soy Products Affecting Alcohol Absorption and Metabolism -- Oats supplementation and alcohol-induced oxidative tissue damage -- Fish oil n-3 fatty acids to prevent hippocampus and cognitive dysfunction in experimental alcoholism -- Alcohol in HIV and possible interactions with antiretroviral medications -- Popular energy drinks and alcohol -- The psychological synergistic effects of alcohol and caffeine -- Alcohol and Smoking: A correlation of use in youth? -- Are there Physiological Correlations between alcohol and tobacco use in adults? -- Alcohol, HIV/AIDS and Liver Disease -- Nutritional status, socioeconomic factors, alcohol and cataracts -- Alcohol Intake and High Blood Pressure -- Alcohol and dyslipidemia -- Dietary antioxidants in chronic alcoholic pancreatitis -- Alcohol consumption, lifestyle factors and risk of type 2 diabetes -- Alcohol, overweight, and obesity -- Nutrition alcohol and anorectic and bulimic adolescents -- Viral infections and cancer during alcohol use -- Ethanol and hepatocarcinogenesis -- Alcohol, diet and their interaction in colorectal and urinary tract tumors -- Alcohol, acetaldehyde and digestive tract cancer -- Alcohol Intake and Esophageal Cancer: Epidemiologic Evidence -- A Nutritional approach to prevent alcoholic liver disease -- Nutraceutical potential of indigenous plant foods and herbs for treatment of alcohol related Liverdamage -- Alcohol and nutrition as risk factors for chronic liver disease -- Alcohol-related liver disease: Roles of insulin resistance, lipotoxic ceramide accumulation and endoplasmic reticulum stress -- Nutrition and alcoholic and non-alcoholic fatty liver disease: The significance of cholesterol -- Dietary fatty acids and alcoholic liver disease -- Nutrition in alcoholic steatohepatitis -- Alcoholic and non-alcoholic fatty liver disease and vitamin A.

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