Wheezing—Bronchial asthma mainly manifests as wheezing and shortness of breath—are main symptoms of bronchial asthma. Patients with asthma—Asthmatic—showed—an increased superoxide generation from leukocytes, as well as and an increased lipid peroxidation product, indicating products, both of which indicate—an increased oxidative stress. Ascorbic acid is an important antioxidant which that directly neutralizes free radicals; therefore, it is continuously used to maintain the redox state in the lungs of lung patients with asthma. According to Hatch et al. suggested that—Ascorbic acid is the major antioxidant substance present in the airway surface lining of the lungs and may protect against endogenous as well as and exogenous oxidants. Our present finding—we found that the presence of a low ascorbic acid level in wheezing children could with wheezing may be attributed to its normal physiological function and elevated utilization to overcome the continuous generation of oxidants and also, and to neutralize the exogenous oxidant. It has been suggested that—Ascorbic acid deficiency may be either an underlying factor in the pathophysiology of asthma or a response to asthmatic airways inflammation. Our in patients with asthma. Consistent with our findings of, other studies have also reported a low ascorbic acid level in wheezing children with wheezing is in agreement with the earlier reports of, these researchers have who attributed such kind of lowering the decrease in the plasma ascorbic acid level in plasma—to its normal physiological function i.e., its utilization functions in maintaining the maintenance of body’s defense mechanism, tissue and in the integrity and, replacement, and healing processes of tissues. Destruction of the respiratory mucous membrane during common cold and resulting reduction of the consequent decrease in tissue ascorbic acid, levels may further delay in the healing of the mucous membrane surface leading and result in to prolonged asthma symptoms of asthma. A study shows that—reported decreased serum levels of antioxidant...
vitamins are decreased in the sera of asthmatic patients with asthma even during the asymptomatic period of the disease, and thus, Therefore, this decrease is does not totally depend on the increased oxidative stress, as reflected by lipid peroxidation products.