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## **INTRODUCTION**

Humoral immunity means the production of immunoglobulins by special cells called plasma cells that are derived from B-lymphocytes (Katz, 1980).

Chronic tonsillitis is a common disease that follows repeated attacks of acute or subacute tonsillitis. It is common between 5-15 years causing significant health hazards to the human body such as rheumatic heart diseases and it may cause disturbance in the immune system of the body specially humoral immunity as it acts as a continuous antigenic stimulus to the immune system causing it to be overacting (El- Ashmawy et al., 1980). The best treatment for chronic tonsillitis is tonsillectomy by dissection which is a world wide operation that is performed for children and adults to protect them from health hazards caused by chronic tonsillitis (Sprinkle and Veltri, 1974).

Tonsillectomy seems to improve the immune system as it appears to unblock the suppression to which the immune system is subjected (Sainz et al., 1992).