
Association of virus infections with proliferative reactions of the upper respiratory tract

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The surgically removed specimens submitted for this study include 30 tonsils and 20 adenoids. All the specimens were processed for the following tests... Suckling mice inoculation and Vero cell cultures were used for virus isolation from specimen's cell suspension. • Enteroviruses were isolated from 6 tonsils and 2 adenoids, and the virus isolates were typed by virus neutralization test. • Also, paraffin sections of tonsils and adenoids stained with fluorescein labelled antihuman IgE. Increased density of IgE surface bearing lymphocytes was revealed in 20 tonsils cases (69%) and 15 adenoid cases (75%)... There was a correlation between the density of cells with surface IgE and the isolation of an enterovirus from the suspension of the same specimen.