

Down Syndrome: A Case Report with Concise Review

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ABSTRACT:

Down Syndrome is a common disorder with phenotypes including leukemia, congenital heart defects and Alzheimers disease. It is a chromosomal abnormality which leads to mild to moderate intellectual ailment and this impairment causes dysfunctioning of multiple organs including the orofacial region. The extra genetic material can result in disturbed mental and physical growth of the child. Mental retardation, delayed language and motor development, delay in fetal brain growth, prenatal and postnatal growth deficiency, gastrointestinal malformations, congenital hematologic disorders, and cardiac abnormalities are observed in this disorder. Dental and craniofacial features include brachycephaly, flat occiput, mandibular prognathism and reduction in parotid salivary flow rate. Necrotizing ulcerative gingivitis, periodontal disease and delay in eruption of both deciduous and permanent teeth is observed in this disorder. This article aims to discuss the clinical features and management of a six year old male child showing classical signs of this disorder.

KEY WORDS: Down's syndrome, disorder, growth, deficiency