



**Project (1):: Oral Health status among a group of special needs children
(Mongolism) in Alexandria governorate**

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Project Summary:

The provision of high quality dental care for children with special needs present a challenge for the dental profession. Special needs children are those with a chronic physical, developmental, behavioral or emotional condition that substantially limits one or more major life activities, and who need dental or health services beyond what is generally required.

Aim of the study: accordingly, this study was carried out to assess the oral health status and the treatment needs among a group of children suffering from Down Syndrome (Mongolism)

Materials methods

Subjects: parents, caregivers and children with Down syndrome (Mongolism)

Methods: oral examination using disposable mirrors

Questionnaire to the caregivers parents to detect their knowledge & behavior towards
Dental care for such children

Results:

1. A class iii prognathic malocclusion due to an underdeveloped maxilla, resulting in posterior crossbite in about 95% of the cases
2. A large protruding of issured tongue is present in a high percentage .



3. Microdontia & pointing of the anterior teeth are common
4. Late eruption in about 19% of the cases
5. There is definitely an increase in periodontal problems & cares involvement
6. The main obstacle in promoting children oral health is lack of knowledge

Recommendation:

1. Communication with parents about the importance of prevention of dental diseases is very important entity for control of oral diseases
2. Monitoring of oral diseases trends, describing & determining the most pressing dental needs for a large scale of such special population groups
3. Planning an appropriate regional treatment and preventive strategies of the most prevalent oral diseases