



# Faculty of Dentistry

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## **Implementing Oral health preventive program for a group of children with cerebral palsy in Alexandria Egypt**

### **Participated Students:**

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### **Under supervision of:**

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### **Project Summary:**

#### **Project Idea:**

Cerebral palsy is a group of disorders that affects not only the nervous system and muscles but also has its effects on the oral cavity. It can vary from simple dental trauma and caries to severe periodontal disease and loss of teeth.

The study was mainly to assert the concern about oral health among the children and control the factors that ultimately leads to oral and dental diseases. Also the introduction of custom made tooth brushes to aid the children with physical disability.

### **Project Phases:**

- ❖ Approvals:
  - Administration of Faculty of Dentistry, PUA.
  - Approvals from the Different rehabilitation centers.
- Child information and medical history
- Oral examination
- Oral Health Education Program



### **Project Aim:**

#### **❖ The aim of this study was to:**

- Assess the dentition status among CP children in Alexandria.
- Measure and evaluate the caries index (dmft) among CP children in Alexandria.
- Improve oral health education and establish oral hygiene instructions among CP children and parents.

### **Recommendations:**

- The introduction of **educative/preventive measures** in CP children as soon as their condition is diagnosed is important to improve the general and oral health of these children.
- Advanced and continuing **education programs are needed to prepare both general dental practitioners and pediatric dentists** to provide needed preventive and restorative services in these children.
- **Cooperation between pediatric dentistry department and faculty of physical therapy** in pharos university will surely provide a more advanced care for CP children.