

### *Comparison Between Three Different Film Holding Devices Used With Paralleling Technique For Children*

**Ashraf E. Abou Khalaf.**

Associate Professor of Oral Radiology and Diagnostic Sciences, Faculty of Dentistry, Ainshams University.

**Eman A. El Ashiry**

Lecturer of Pedodontic and Public Health, Girls Branch, Faculty of Dental Medicine, Al Azhar University.

---

**Purpose :** comparison between three different film holding devices used for radiographic examination of child patients by paralleling technique.

**Materials and Methods :** Thirteen child patients with age ranging from six to twelve years who were referred for dental radiographic examination were selected and divided into three groups of ten children each. All selected children were radiographically examined by using the paralleling technique at different region in their mouth with three different film holding devices (Group1: used pediatric Precision film -holding instruments, Group2: used Rinn XCP instruments and Group3: used Stabe disposable film holders). Data from each group regarding simplicity of the device application, child comfort and gagging stimulation were collected and compared.

**Results :** Group(1) and Group(2) experienced uncomforted procedures, bulky and gagging stimulating devices when used for radiographing the posterior teeth of children while Group(3) showed more comfortable, easier in application and more accepted procedure by the children.

**Conclusion:** The Stabe disposable film holder is the device of choice to be used with great success in radiographic exposure of child patients for its simplicity and tolerability and adaptability.

---