

## **Abstract**

### **Cephalometric analysis Android Application**

**Introduction:** Cephalometry is a complete element for orthodontics and orthognathic surgery whit the purpose of evaluating dentofacial portion, declaring anatomical malocclusions, growth analysis and relevant treatment changes. So cephalometric analysis plays important role in this topic.

Cephalometric analysis can be done manually and digitally. Manual cephalometric analysis may take time also requires high skill and technique , in addition needs higher dose of radiation to prepare high quality pictures that patient is imposed by this dose. But digital analysis is easier and timesaving for the dentist also promote working and clinical decision making.

**Results:** According to the above, accuracy of digital analysis is not weaker than manual method, in spite of reducing errors and being timesaving technique, which is a fundamental part of digital method.

**Conclusion:** As a result, we designed an application in format of android phone that reduces errors and save time

#### **Keywords:**

Application, android, Cephalometric analysis.