

### **Basic Information :**

**Name :** Sameh Talaat  
**Title :** Associate Professors



Sameh Mohammed Talaat works as a Lecturer at the Faculty of Dentistry at Future University in Egypt

### **Education:**

Certificate	Major	University	Year
PhD	Orthodontics	University of Bonn - Germany	2020
Masters	Orthodontics	Cairo University	2012
Bachelor	Faculty of Oral and Dental Medicine	Ain Shams University	2003

### **Teaching Experience:**

Name Of Organization	Position	From Date	To Date
FUE	Associate Professor	01/09/2008	Current

### **Researches / Publications :**

Computer-aided finite element model for biomechanical analysis of orthodontic aligners
Potential Application of 4D Technology in Fabrication of Orthodontic Aligners
The Role of Attitude Modification Interventions in the Reduction of Orofacial Pain in Patients Undergoing Orthodontic Treatment: A Scoping Review
Efficacy of Psychological Interventions in The Reduction of Orthodontic Pain at Its Peak of Intensity in Patients Undergoing Fixed Orthodontic Treatment: A Systematic Review and Meta- analysis
The validity of an artificial intelligence application for assessment of orthodontic treatment need from clinical images
Thermography as a non-ionizing quantitative tool for diagnosing periapical inflammatory lesions
Primary Evaluation of Shape Recovery of Orthodontic Aligners Fabricated from Shape Memory Polymer (A Typodont Study)
Improving the accuracy of publicly available search engines in recognizing and classifying dental visual assets using convolutional neural networks
Three dimensional evaluation of the holographic projection in digital dental model superimposition using HoloLens device
THREE-DIMENSIONAL ASSESSMENT OF TOOTH MOVEMENT: A NEW METHOD FOR SUPERIMPOSITION OF DIGITAL MODELS
Validity and reliability of three-dimensional palatal superimposition of digital dental models.
Reliability of linear and angular dental measurements with the OrthoMechanics Sequential Analyzer