

INTERNATIONAL CONFERENCE ON DENTISTRY & DENTAL MATERIALS MARCH 15-16, 2023 | (Hotel Crowne Plaza Dubai - Deira)



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The Prevalence Risk of Malocclusion among Afghan Children Aged 12-18 Years Old, Kabul, 2022

Malocclusion is one of the most common dental problems worldwide. No study showed the prevalence of malocclusion among children in Afghanistan. Therefore, we aimed to report the prevalence of malocclusion among Afghan children in Kabul, Afghanistan. Method: This is a cross-sectional study the total number of participants is 304, of which 62.8% are male and 37.2% are female among the age group 12 to 18 years old children, randomly selected at Spinghar Institute of Higher Education, Dental Clinic, Kabul, Afghanistan. None of the subjects had previous orthodontic treatment, and all had their first permanent molars. The patients were examined at their respective clinics, using a sterile mouth mirror and flashlight. All occlusal relationships were evaluated at a centric occlusion position, which was achieved by asking the subject to swallow and then bite on his or her teeth together. Results: More than 20 percent of our participants were aged 18 years, and 6.3 percent of the study populations were aged 12 years. In our study we have more than 62 percent were males and 37.2 participants were women. The 64.5 percent of our study population were fed by bottles, and 20.1 percent had breastfed during infant criteria. According to family dental problems, more than 60 percent of participants had this problem. Additionally, 44.7 percent of the population had finger sucking, when they were infants. Conclusion: We can say with great conviction that the risk of malocclusion increase among children due to bottle feeding, finger sucking, and fewer teeth loss in Kabul. To develop our findings, need a case-control study. Keywords: Prevalence; Risk of malocclusion; Afghan children

Keywords: **writing, template, sixth, edition, self-discipline, good**

Biography:

Dr. Rayhana Rahyab, An accomplished MD dentist, with 8+ years' experience in private universities as a lecturer, head of clinical department and Dean of dentistry faculty, I am skilled in variety of areas of general dentistry. Understanding the business side of dental practice, and oral healthcare for individual with special needs and disabilities, since transitioning to academia I enjoy the field of dentistry researches more than ever, I am able to practice dentistry and teach to a new generation in a variety of areas. My abundant interest in researches and studies expands my horizons further, to be able to reach out to population in great need of dentistry health, I enjoy bringing my experience and training to my students and people with special needs, elderly, and vulnerable member of society.