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## Dentition status and treatment needs among 15-25 years old population of Eastern Nepal

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**Background:** Dental caries is a prevalent oral disease with high morbidity. There is practically no geographic area in the world which does not exhibit some evidence of dental caries. It not only causes pain and discomfort but adds to a financial burden as well. In Nepal, the most common reason for patients seeking dental care is pain either due to dental caries, periodontal disease or others.

**Objective:** To assess the dentition status and treatment needs of the 15-25 years old population of Eastern Nepal.

**Methods:** It was a descriptive cross-sectional study comprising 700 subjects of the aforementioned age. The subjects were selected through a convenience sampling method. One hundred (100) subjects were selected from each of the seven satellite centers of BPKIHS on first come first basis. Dental caries status and treatment needs were recorded according to WHO criteria 1997. Means and frequencies were calculated.

**Results:** Dental caries prevalence was 66.42%. The prevalence of dental caries was 61.74% among males and 70.65% among females. The most common dentition status was decay followed by filled with no decay, missing due to other reason and missing due to caries. One surface filling was the most common treatment need followed by two or more surface filling, pulp care and extraction. The treatment need was higher in males compared to females.

**Conclusion:** Although dental caries prevalence was high among females, treatment need was higher in males. Dental decay was the most common problem with first molar being most commonly affected.

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## Invisalign Teen: Why going wireless just became irresistible?

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High school and middle school is a trying time for most children. Teasing and bullying is commonplace. We are also in the age of smartphones, Snapchat and selfies. All these put social pressures on children and teen and they become highly aware of their appearance during these years. Invisalign Teen can have advantages not only for the patient but the team and doctor as well. This lecture will highlight the evidence-based approach to using Invisalign Teen for simple to complex cases. 95% of children and teens can be comfortable and aesthetically treated with good results and uncompromised treatment times.

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