Work Plan and Methodology

Study Design: Comparative cross sectional study

Study Subjects: The study subjects will include:

1. The patients who were referred/or reported to the Pedodontics OPD for treatment at College of Dental surgery, BP Koirala Institute of health Sciences, Dharan, Nepal.

Grouping of Subjects: The subjects will be grouped according to the age i.e. 8-12 years old.

Sampling Method: Simple Random sampling

Selection Criteria: Subjects who will satisfy the selection criterion and give written consent to Participate in the study will be included in the study.

Inclusion Criteria:

1. Patients reporting for treatment in the department of Pedodontics and Preventive dentistry.

Exclusion Criteria:

1. Mentally retarded patients
2. Blind patients
3. Patients who are not able to understand Nepali.

Methods of collection of Data: A total of 200 subjects will participate in the study. The patients will be asked to complete the Spence children’s anxiety scale questionnaire.

Statistical analysis: All the collected data will be entered into Statistical Package for Social Sciences (SPSS, Version 16.0). T-test/ U-test, ANOVA/Kruskal Wallis test and co-relation at 95% confidence interval where p=0.05 will be applied.

WORK PLAN:

The study will be carried in two parts – the first part comprised of translation of the Questionnaire into Nepali language. This scale will be translated by the English language University teacher whose mother tongue is Nepali and will be retranslated by a different group of English language teachers back into English and the questionnaires will be checked for Similarity, if any issues will be resolved. A group of Pedodontists will also help clarify any Issues in translation. The reliability and validity will be tested and then the final questionnaires will be used.

In the second part the filled questionnaires will be analysed statistically for the assessment.