

## P-10 Analysis on Chief Complaints of Periodontal Patients

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It is very important to understand the chief complaint of a patient prior to treatment planning.

The purpose of this study was to prepare the basic data available for dental practitioners in establishing the treatment plan of periodontal patients.

The chief complaints were statistically analyzed according to age and sex from 5,843 periodontal cases (age range : 20~70, male : 3,048, female : 2,795) by means of Chi-Square Test in Microstat program.

The results were as follows :

1. The proportion of chief complaint was ordered as follows : pain(32.84%), gingival swelling(13.35%), tooth mobility(13.25%), hypersensitivity(12.53%), gingival bleeding(8.45%), pus discharge(8.33%), food impaction(3.80%), gingival recession(3.59%), halitosis(2.70%), itching sensation(1.90%), spacing(0.48%), implant(0.39%), and gingival discoloration(0.38%), except routine check.

2. The pain was the predominant chief complaint of periodontal patients regardless of age and sex( $P < 0.01$ ).

3. The difference between male and female within same age group in the proportion of each chief complaint was various as follows : gingival bleeding( $P < 0.01$ ) in the twenties, hypersensitivity( $P < 0.05$ ), food impaction( $P < 0.01$ ), and spacing( $P < 0.05$ ) in the forties, itching sensation( $P < 0.05$ ) in the fifties, and halitosis( $P < 0.05$ ) in the sixties were significantly higher in male, but pain( $P < 0.05$ ) in the thirties and tooth mobility( $P < 0.05$ ) in the forties and sixties were significantly higher in female.

Above results indicate that the active education program of periodontal health should be developed.