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ABO blood group & periodontitis: correlation or no-relation

Rushit Patel

Fanshawe College, Canada

Objective: The purpose of the present study was to determine whether there was a relationship between periodontal diseases and ABO blood groups.

Materials & Methods: This epidemiological study was carried out on 300 subjects who were randomly selected from individuals referred to the Periodontics of Ahmedabad Dental College & Hospital for periodontal treatment or for other reasons regarding dental health. The study based on periodontal condition, blood group. The effects of blood subgroups on periodontal health, gingivitis and Periodontitis were investigated separately.

Results: The findings of our study revealed that subject's blood group "O" and "B", Rh positive had a greater propensity for periodontitis followed by blood group A and least prevalent is blood group AB.

Conclusions: ABO blood subgroups and Rh factor may constitute a risk factor on the development of periodontal disease.

Rushitpatel1123@gmail.com

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