

Prevalence of periodontal disease and adverse events in pregnancy in high risk pregnant

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Periodontal disease during pregnancy can lead to adverse outcomes such as preterm delivery, low birth weight and preeclampsia. In this context, the dental monitoring of pregnant women with periodontal disease is very important. Our study aimed to evaluate periodontal health in a group of high-risk pregnant women (cardiac, hypertensive, diabetic, among others) who attend the clinic of pregnant women at the Hospital das Clínicas de Uberlândia - HCU-UFU, Brazil. Examinations of plaque index, depth of probing, mobility, bleeding on probing and the gingival margin level was measured to evaluate the degree of loss of periodontal insertion and the severity of periodontal disease. Oral hygiene instruction procedures were performed and prophylaxis in pregnant women and supra and subgingival scaling when necessary. At the end, the patients' medical records were evaluated to see if any adverse outcome occurred during pregnancy or delivery. The majority of pregnant women presented periodontal disease (78.8%), with higher values for periodontitis and

gingivitis. Most of the pregnant women presented some type of problem at delivery (58.33% of the patients) and 57.14% of these women who had problem at delivery had periodontal disease. Although the results show that most high-risk pregnant women with periodontal disease presented with adverse events during labor. However studies with a larger sample size were necessary to confirm the relationship between periodontal disease and adverse pregnancy events.

Speaker Biography

Ana Paula de Lima Oliveira is a PhD in Periodontology. She completed the research scholar program in Periodontology at the Forsyth Institute, Boston, USA and studied oral microbiology and oral immunology at Harvard Dental Medical School in Boston, USA (2009). She is currently a professor of periodontology at faculty of dentistry of Federal University of Uberlândia, Minas Gerais/Brazil, where she does research in the area of periodontal diseases and systemic disturbance.

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