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USE OF FTA® CARDS (FLINDERS TECHNOLOGY ASSOCIATES) TO DETERMINE THE ESTABLISHMENT OF *Porphyromona gingivalis, Aggregatibacter actinomycetemcomitans, Tannerella forsythia and Prevotella intermedia* IN TO THE GINGIVAL SULCUS IN YOUNG PATIENTS USING FIXED ORTHODONTIC TREATMENT

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The use of Flinders Technology Associates (FTA® cards) produced and marketed by Whatman® International Ltd. UK for the inactivation and transfer of microorganisms has been tested in recent years. FTA® cards are composed of a cellulose membrane containing lyophilized chemicals capable of inactivating a wide range of microorganisms preserving their nucleic acids. The samples obtained can be processed in the laboratory from the inactivated virus in the paper of the card. The aim of this work was to demonstrate the advantages of using FTA® cards for inactivation, transport, and molecular diagnosis of VEN in allantoic fluid samples in young patients using fixed orthodontic treatment.

Biography

Velazquez Nicolas Z has completed his PhD from Sao Paulo State University and is a full time Professor and Researcher at Autonomous University of Aguascalientes, Mexico and has made research projects involving the rapid palatal expansion in normal and fissure patients. Later, he focused in the field of Dental Adhesive Materials (Universal Systems Adhesives) and conducted a study on the prevalence of the third molar impacted in dental school students and lately he has been working in the field of orthodontic miniscrews and dental implants as orthodontic anchorage.

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