



## Dental Implantation Failure and Oral Bacteria. How Could be Prevented?

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### Dear Editor-in-Chief

It has to be said that more than 400 bacterial species are localized in the subgingival plaque (1, 2). Very common bacteria species- *Actinobacillus actinomycetemcomitans*, *Fusobacterium nucleatum*, *Tannerella forsythensis* (*Bacteroides forsythus*), *Porphyromonas gingivalis*, *Prevotella intermedia* and spirochetes have also been identified from symptomatic infected implants (3, 4). Bacterial infection is the main reason of failing implant (5). Nowadays different studies have shown that an increase of formation of biofilm in area of dental implantation (6) different type of materials, which are used for dental implant, may be caused different biofilm with specific bacteria (7). Little is known about the participation of any individual oral bacteria and its interaction with different metals (8-10). It is supposed that specific oral organisms may have a role for dental implant failure. The role of many oral bacteria are also not clear in dental implant failure (9) possibly specific organism may be involved in dental implant failure but many more studies are necessary to clear the fact. High good oral hygiene before and after dental implantation is necessary to overcome the problem.

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