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STUDIES OF MICRO-GRAVITY CONDITIONS OF DENTAL CARE FOR AN INTERPLANETARY
SPACE MISSION**Abstract**

In Advances aerospace industry at 20th century afford human beings with an opportunity to meet a micro gravitational (almost 0-g) environment and this experience will make higher in the present century. Astronauts practiced weightlessness during space flight. Since that, the human body is likely to live in a 1-g environment, as on Earth, exposure to microgravity causes significant changes in body functions. In this research reported that microgravity increases the prevalence of dental caries, bone loss, periodontitis and fracture in the jaw bone, pain and oral cavity tissue, numbness in teeth, salivary duct stones, and oral cancer. Exposure to microgravity and the space environment during short- and long-duration space missions has important medical and health suggestion in astronauts. Aeronautic Dentistry is playing an important role in the effect of microgravity in space and also offers a future growth of interplanetary space mission. It is more envisage to investigating the effects on the human body of such extended exposures in space is very important in the preparation for a long term missions. In forthcoming mission plans has taken various space agencies are NASA, ESA, JAXA, CSA, CNSA and ISRO to Mars or other planets from ISS. Due to the environment condition it will take 18 to 24 months of revelation to microgravity conditions which might have serious effect on human physiology, including that of the oral cavity.