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# **Dental Instruments In Skylab For Emergency Care Of Astronauts**

As the seventies gave rise to a series of manned space voyages under the Skylab category the astronauts who embarked on space travel depended greatly on different kinds of dental equipment. Because of the military dentists at the National Aeronautics and Space Administration or NASA the in flight medical support system or IMSS during the Skylab space travels accommodated a relevant dental component. Astronauts who took part in space travel during the Skylab missions had the necessary dental equipment they needed for the three man crews who were sent off from 28 to 56 days per flight.

Commenting on the reason for the dental equipment on of the military dentists said that they wanted outpatient based services to be available for the astronauts. He said he did not consider this a buddy kit or a do it yourself kit. There is a one percent risk that dental treatment might be needed for any of the three man crews that will be sent into space for 28 days and this is where the treatment concepts at that time were based upon. Only serious dental problems are involved when the one percent dental risk is considered especially when problems such as pulpitis or periodontal abscess cause a crew member to be inefficient in his work. See this [sydney orthodontist](#) information for a deeper understanding.

There is also a separate risk rating of five percent given to less serious mishaps like a fractured restoration. The article will provide an overview with regard to the components of the dental equipment developed by NASA which includes tools such as removal forceps, syringes and anesthetic, a periodontal curette, restorative material, and many more. Conditions in outer space proved to be a detrimental factor to the kind of restoration material that will work effectively for NASA but the Air Force den corps were able to formulate the material which met in flight specifications. The Air Force made it possible for this not to need any gravity.

The equipment passed a rigorous series of tests making it suitable for the Skylab project and to ensure that the crew members will have no problems during the mission itself NASA also conducted intensive training programs regarding the use of the equipment that lasted for two days. Dental procedures that involved skills reaching the level needed for tooth removal became the general focus of the conducted training sessions. When the need for dental treatment arises the flight crew can rely on the integrated dental manual that will be placed on the space vehicle carrying various illustrations on diagnosis, procedures, and oral structures obtained from personal radiographs for each crew member.

Should the need for professional dental services arise then mission control will provide a dentist equipped with all the necessary materials from oral casts to periapical radiographs as well as colored photos of the crew's oral structures. Space to ground communication is always a crucial factor where there should always be consistent exchanges from both sides and this is extremely important should dental problems arise as on ground dentists are the only people who have the authority to allow procedures to be executed. As a person looking for [mouth braces sydney](#) you should visit that site.

Regardless if they are part of the program some people fail to see the practicality of training the astronauts to perform basic dental procedures and so they tend to have reservations about the idea. But incapacitating dental pain experienced by a crewman aboard the space ship could threaten a space mission costing hundreds of millions of dollars, and could have threatened one of the Skylab missions, a loss that probably could not be accepted up to this decade. With much on the line the possibility of doing a dental procedure in space is reverted to the status of a backup plan.

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