

The important factors for future human space activity in terms of space medicine

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When humans stay in space for long term, our body has various physiological effects by the specific space environments. Recently, space agency, such as NASA and JAXA, has the plan to send human to Moon or Mars. Therefore, it is very important to understand how we are effected during space staying. For example, our skeletal muscles on the leg become atrophy and bone volume decrease by spaceflight. And, astronauts must spend time in closed environment during human space mission. So, we need to know the mental or emotional changes during space mission.

Now, we have space camps which is simulated for future space misson. In this time, I will present the physiological data of mental factors in simulated space camps.

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