

IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM (A1)  
Medical Care for Humans in Space (3)Author: Mr. Taichi Yamazaki  
ASTRAX, Inc., JapanEXPERIENCE AND LESSONS LEARNED FROM THE CORONAVIRUS PROBLEM IN JAPAN AND  
APPLICATION TO SPACE TRAVEL**Abstract**

This problem will sooner or later also appear in space hotels as it enters the space travel era. <https://note.com/tkatsumi06j/n/n489badbeea07> If a sick person appears on the moon or Mars, as well as in a space hotel, and if it is a new type of space virus that has not yet been seen, that person may not be able to return to Earth.

Even if the virus originates from the Earth, if the episode is in a spacecraft, it will not be able to land on the Moon or Mars, and will not be able to return to Earth.

Even if you managed to return to Earth while in isolation, you might not be able to get off the spacecraft or out of the quarantine facility of the landing country, and of course you might not be able to return to your home country.

For that time, we, the space industry, will need to take measures at the UN level, beyond national and national governments, to ensure that medical institutions, censors and physicians who can respond, and not discriminate against patients affected by space viruses.

Although this virus issue has not yet converged, we should consider responding to space viruses while information and awareness are fresh. In addition, since it is not an astronaut who is fully managed, including health, but also an ordinary space traveler, it is necessary to consider the impact on individual human rights and economic activities.

We have to be very prepared so you don't repeat the same thing. ASTRAX MEDICAL (Space Medical Division) wants to nurture doctors who can study this field.

In this presentation, in the coming era when ordinary people, not health-cared astronauts, will go on space travel, and if you have a virus infected person in space, how we should take actions based on the experience and lessons learned from the coronavirus problem in Japan will be introduced.