

IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM (A1)
Medical Care for Humans in Space (3)

Author: Mr. Taichi Yamazaki
ASTRAX, Inc., Japan

Ms. Taiko Kawakami
ASTRAX, Inc., Japan

DEVELOPMENT OF A TERIPPER FOR INTRA-SPACECRAFT TRANSPORTATION

Abstract

When people walk on the ground, they may wear socks, shoes, or slippers. On the other hand, when astronauts move around in a spacecraft, they usually do not use their feet, but instead use their hands to push against walls or grab handles with their hands. The same is true for the increasing number of space tourists, who will also use their hands to move around the spacecraft. In other words, in space, it is as if you are walking with your hands on the ground instead of your feet. Therefore, ASTRAX is planning to develop a glove-like protective tool (called Teripper) as a sock (slipper) for space, which acts like the socks and slippers we use when walking on the ground. In this paper, I will introduce the necessity and structure of the Teripper.