

Eye on the International Space Station: One-Year Mission Miniseries

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As part of NASA's One-Year Mission, researchers will conduct several Human Research Program investigations on the International Space Station. The goal is to learn more about how the body responds to a long-term, low-gravity environment. These investigations are grouped into seven categories: visual impairment, physical performance, functional, behavioral health, human factors, metabolic and microbial.

The visual impairment category will include the Fluid Shifts and Ocular Health investigations to examine what happens when [fluids](#) shift into the upper body in a low-gravity environment. Researchers will collect physiological data using non-invasive tools to study [visual impairment](#) and intracranial pressure caused by prolonged weightlessness.

Patients on Earth suffering from similar problems, such as hypertension also may benefit from this research.

Provided by NASA

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