Investigation of the Relationship Between Intraocular Pressure and Cardiovascular Measures in Head Down Tilt Bed Rest Subjects

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BACKGROUND

• History of visual impairment among astronauts with microgravity exposure.
• Numerous signs comprise the Visual Impairment/Intracranial Pressure (VIIP) syndrome. (below)
• Blurred vision.
• Current theory on VIIP etiology involves interaction of increased ocular/cardiovascular parameters. (below)
• Lack of data and analog studies have hindered development of preventive countermeasures.