Frequently Asked Questions

What is the ZeroG used for?
The ZeroG® Gait and Balance System protects patients from falls while providing dynamic body-weight support as patients practice walking, balance tasks, sit-to-stand maneuvers and even stairs. Because ZeroG is mounted to an overhead track, there are no barriers between the patient and therapist. With ZeroG, inpatients can begin rehabilitation as early as possible in a safe, controlled environment.

Who can use the ZeroG?
Many Gaylord Hospital inpatients will benefit from this new technology including those with stroke, traumatic brain injury, spinal cord injury, multiple sclerosis, amputation and orthopedic injuries.

Which patients will get to use the overhead robot?
The physical and occupational therapists will assess those who can benefit. The maximum weight limit is 450 lbs.

What functional activities can it aide?
- Walking
- Sit-to-stand
- Stairs
- Getting up from the floor and more

How long does it take to set up a patient?
The average patient can begin a training session in less than 5 minutes. First, they are secured into a harness, which is then attached to the ceiling mounted track, settings are selected from the computer and training can begin.
Analytics and Progress Tracking

How much body-weight support does the ZeroG provide?
ZeroG has two unloading modes. In static body-weight support, the position of the patient is fixed so they are restricted from moving downwards. In dynamic body-weight support, the patient can move freely up and down while the level of support stays constant. ZeroG can provide between 10-200 lbs of dynamic support.

What data does ZeroG record?
For each training session, important clinical measures are recorded such as distance walked, training minutes, falls prevented and the minimum and maximum body-weight support. Depending on other activities performed during the session, such as target matching or balance games, there are additional metrics captured.

How safe is the device for patients?
ZeroG has advanced fall protection measures which monitor patient movements at 1,000 times per second. ZeroG has been used to train over 30,000 patients since 2008 without a single patient or therapist injury.
The device is programmed keep patients from falling. As a patient progresses, the therapist may allow for a slow and controlled lowering to the ground which allows the patient to practice getting up and resuming their treatment session, unharmed, but confident that they can get up when needed.