

TECHNOLOGY SPOTLIGHT

Since its 2020 opening, the Craig H. Neilsen Rehabilitation Hospital had the goal to create a world-class environment where the most complex neurological injuries could be met with the most advanced technology. In a recent interview, Randy Carson, PT, DPT, NCS explains why Aretech technology was—and continues to be—the cornerstone of their rehabilitation gym. The decision to start with two ZeroG Gait and Balance Systems was rooted in a commitment to both patient progression and therapist safety.

As Randy highlights, ZeroG provides three essential advantages:

Safety

Advanced fall protection allows patients to “fail safely,” building the confidence needed to attempt difficult movements without fear.

Therapist Empowerment

By removing the physical burden of preventing falls, therapists can focus entirely on high-level clinical interventions rather than manual spotting.

Operational Efficiency

The user-friendly design allows for a quick setup, getting patients up and running in under five minutes.

Watch Randy's Interview



Evolution to 3D: Expanding Recovery Options

After four years of success with the original ZeroG, the team at the Craig H. Neilsen Rehabilitation Hospital integrated Aretech's ZeroG 3-Dimensional BWS System to support non-linear recovery and "real-world" movement.

Randy identifies three key benefits of this upgrade:



360-Degree Freedom

Patients are no longer restricted to a linear track, allowing for multi-directional pivots and complex obstacle courses.

Functional ADLs

The ZeroG 3D System enables patients to practice "real-life" Activities of Daily Living, such as navigating around furniture, within a protected environment.

High-Intensity Training

An expanded range of motion facilitates diverse, challenging sessions that keep patients engaged at the every stage of recovery.

By combining the ZeroG Systems on the tracks and the new ZeroG 3-Dimensional System, the Neilsen team ensures that every patient, regardless of their stage of recovery, has access to the best technology in the world.



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