NMT Demonstrates the Future of Medical Monitoring

The Associated Press

NMT, Inc., an award-winning company engaged in pioneering highly advanced remote patient monitoring solutions, today announced that on Tuesday, March 19, 2013 at 10:00 PM Eastern Time / 9:00 PM Central Time, Chief Medical and Technology Officer, Marc Ó Gríofa, M.D. Ph.D. F.A.W.M., will be featured, alongside Kevin Michael Connolly, onboard Zero Gravity Corporation's (ZERO-G) aircraft, G-FORCE ONE on the Travel Channel's "Armed and Ready" television series.

Dr. Ó Gríofa and NMT have been conducting spaceflight and microgravity research for a number of years, including next generation biomedical technology development for the space program. Dr. Ó Gríofa was an astronaut candidate for the European Space Agency (ESA). He is also the principal investigator for Project CASPER (Cardiac Adapted Sleep Parameters Electrocardiogram Recorder), which was the first Irish experiment to fly onboard the International Space Station (ISS) and US Space Shuttle.

Both Dr. Ó Gríofa and NMT have been involved in ground breaking R&D with state-of-the-art RFII (Radio Frequency Impedance Interrogation) ETag technology, including innovative research onboard the NOAA Aquarius undersea habitat as part of NASA's NEEMO 14 Mission. The critical, non-contact advances of this technology mean that it could be used to monitor crewmembers during launch and landing phases, during the mission for medical purposes, and during spacewalks or EVAs (Extra-Vehicular Activity). The technology also has valuable implications for use here on earth, including triage and physiological monitoring in austere environments like mines or tactical medical situations, where it has already made a significant impact. This technology revolutionizes how medical data can be both collected and distributed to improve crew member or patient care.

Dr. Ó Gríofa has conducted numerous microgravity research flights over the past four years onboard Zero Gravity Corporation's (ZERO-G) aircraft, G-FORCE ONE, in the continuing development of the RFII technology. The unique environment of the parabolic flight has provided unparalleled opportunities to test, refine and ultimately improve the RFII technology before it will be used during spaceflight.

Kevin Michael Connelly was born in Helena, Montana in August 1985, without legs, his condition is considered a "'sporadic birth defect." He grew up floating down rivers, climbing mountains and skiing. He travels mostly by propelling himself with his arms on his skateboard. "Armed and Ready" features Kevin travelling around the country and engaging in extreme activities.

The culmination of the series features Kevin flying with Marc during a ZERO-G Weightless Lab, the only privately operated parabolic flight research platform

available worldwide, conducting maneuvers in Martian, Lunar and Zero gravity that would otherwise be impossible here on Earth. With Marc's background in extreme environments medicine, working with NASA at Kennedy Space Center on the Space Shuttle program and his previous parabolic flight experience and research, he was the perfect partner to fly with Kevin. Dr. Ó Gríofa was able to collect data on Kevin using the ETag technology during all phases of the parabolic flight. This data will provide scientists with a better understanding of cardiovascular function and fluid shift during microgravity which will improve the capabilities of the ETag technology before its use in spaceflight.

About ZERO-G
Zero Gravity Corporation (ZERO-G) is a privately held company whose mission is to make the excitement and adventure of weightlessness accessible to everyone. Based in Arlington, Va., ZERO-G is the first and only FAA-approved provider of weightless flights to the general public; entertainment and film industries; corporate and incentive markets; non-profit organizations; research and education sectors; as well as foreign and domestic government agencies. ZERO-G has flown more than 450 missions for over 12,000 people from around the world and operates under the highest safety standards as set by the FAA (Part-121) with its partner Amerijet International Inc. ZERO-G is one of only two entities issued a safety approval by the FAA for space flight training.

About NMT, Inc.
Headquartered in Las Vegas, Nevada, NMT is an award-winning company engaged in pioneering highly advanced remote, noninvasive and non-contact patient monitoring solutions for use in military, federal and state government, general healthcare, emergency/disaster response and consumer applications, among many more. NMT's mission is to save lives by continually advancing the standard for noninvasive patient monitoring across the care continuum, while maximizing clinical, medical and financial outcomes, and promoting scientific innovation.