Introducing CRG's

Mobility Virtual Assistant (MVA)

is a user-friendly system to support reducing rehabilitation time and cost for patients with lower limb loss or of risk of falling. MVA helps patients return to work and socially reintegrate, and is appropriate for any individual whose fall risk can be mitigated through feedback, monitoring, and reporting.

Training Application and Sensor Suite for Fall-Risk Patients

A take-home tool used to improve clinician diagnostics

Fall Risk Assessment

Custom algorithms for continuous fall risk assessment based on fall history, gait, training compliance, and other metrics

Continuous Tracking

Gait monitoring, training, and fall reporting outside of clinic for clinician diagnostics with over 20 metrics

Improved Diagnostic Data

Increased fall documentation for clinician diagnostics, fall risk assessment, and overall balance and mobility improvement

Comfortable Wearables

Wearable sensor platform for increased gait and balance diagnostics for the clinician from both inside and outside of the clinic

Patient-Friendly Data

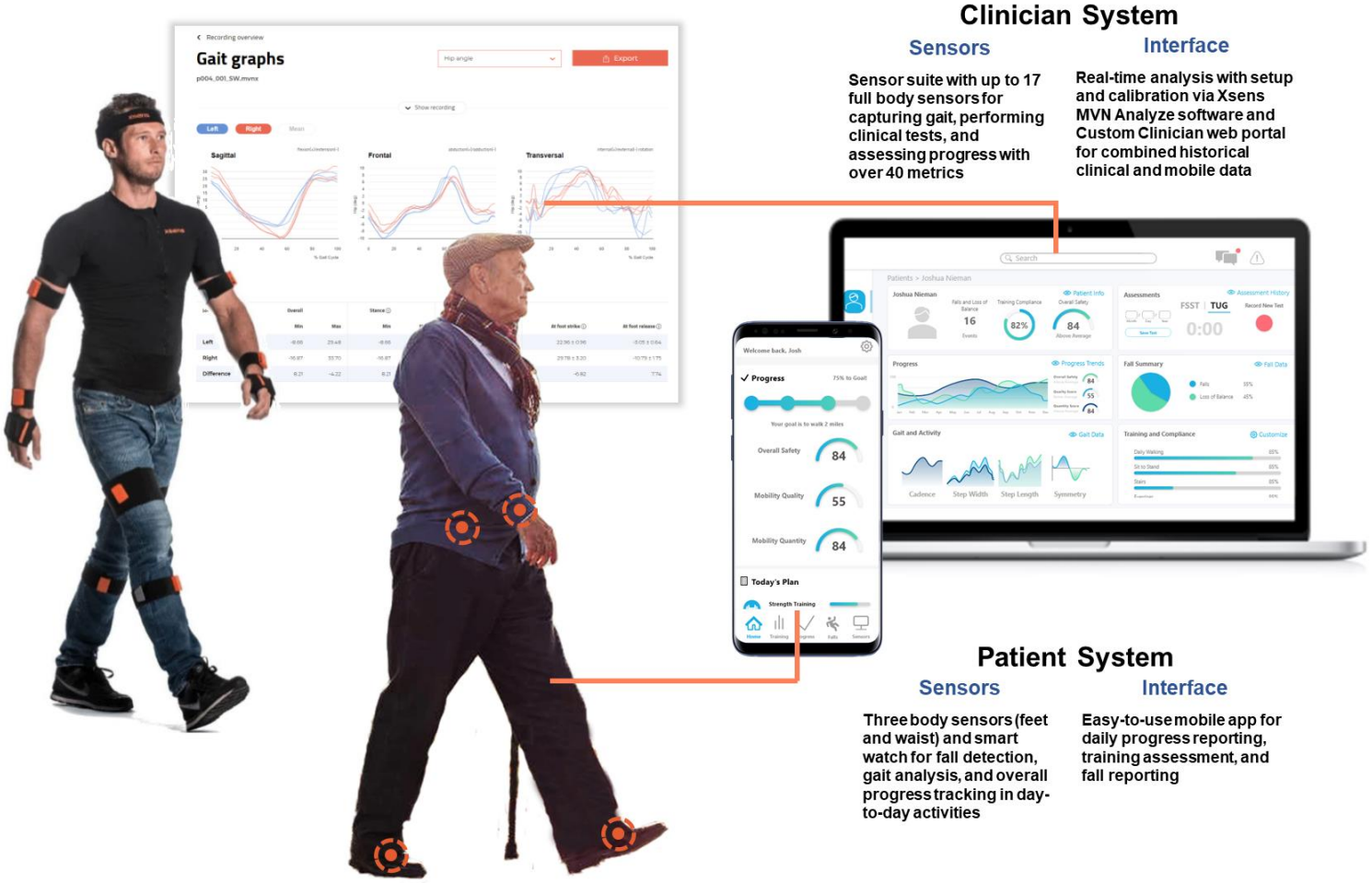
Breaking down complex gait metrics into easily understandable roll-up scores that patients can interpret

Customizable Training

Customizable to-do list style tasks and schedules provided to the patient by the clinician and tracked via the mobile application

Help Maximize Rehabilitation Effectiveness

via daily gait analysis diagnostics, customizable training, and fall risk assessment



Clinician System

Sensors

Sensor suite with up to 17 full body sensors for capturing gait, performing clinical tests, and assessing progress with over 40 metrics

Interface

Real-time analysis with setup and calibration via Xsens MVN Analyze software and Custom Clinician web portal for combined historical clinical and mobile data

Patient System

Sensors

Three body sensors (feet and waist) and smart watch for fall detection, gait analysis, and overall progress tracking in day-to-day activities

Interface

Easy-to-use mobile app for daily progress reporting, training assessment, and fall reporting

Mobility Virtual Assistant Enables **Gait Analysis Diagnostics and Fall Risk Assessment**

Short-Term, High Fidelity

High fidelity data collection during in-clinic appointments and clinical assessments via short term full body sensor suite

Long-Term, Low Fidelity

Continuous metric tracking during daily activities via mobile app and sensor suite

Interested in testing a free evaluation kit?
Contact us at sales@crgrp.com

CRG
www.crgrp.com

252.235-7010 Acknowledgment of Support and Disclaimer. (MAY 1995): (a) The Contractor shall include an acknowledgment of the Government's support in the publication of any material based on or developed under this contract, stated in the following terms: This material is based upon work supported by the U.S. Army Medical Research and Development Command (USAMRDC)/Congressionally Directed Medical Research Program (CDMRP) under Contract No. W81XWH20C0111.
(b) All material, except scientific articles or papers published in scientific journals, must, in addition to any notices or disclaimers by the Contractor, also contain the following disclaimer: Any opinions, findings and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the USAMRDC/CDMRP and the U.S. Army Medical Research Acquisition Activity (USAMRAA).