Object Oriented Design Group

**ineedMD Mechanical Test Requirements**

August 4, 2014

IEC 60068-2-6: Vibration testing F (Sinusoidal test)

IEC 60068-2-27 Shock test

IEC 60068-2-32 Fall test

IEC 60068-2-32amd – later amendment to Free fall test

IEC 60529 – Protection Provided by Enclosures

IEC 60601-1 – Medical Electrical Equipment – Requirements for Safety

IEC 60601-2 – 27 Particular requirements for the safety of electrocardiographic monitoring equipment

UL-60601-1 Underwrites Deviations from IEC-60601-1 Part 1: General Requirements for Safety

AAMI TIR18/Ed.2 Guidance for Electromagnetic Compability

ANSI C63:18: Test Method for Estimating Electromagnetic immunity of Medical Devices

DO-160 Airborne electrical equipment, RTCA, 2004