



ActiGraph is a pioneer and innovator in the field of wearable-enabled digital measurement solutions.

V3 is a very helpful framework, clarifying the evidence required to support the digital measures we provide and leverage the benefits of multidisciplinary collaboration.

— **Christine Guo**,
Chief Scientific
Officer, ActiGraph



The Problem

- » Verification and validation have always been the core principles driving ActiGraph's solutions. It can be challenging, however, to establish consistent definitions and standards across the multi-disciplinary stakeholders in the use of digital technology in clinical investigation.



The Impact

- ✓ We use the V3 Framework to train our scientific and technical talents, organize our workflow, and generate evidence packages for regulatory engagements on digital endpoints.
- ✓ The framework provides the foundation for our commitment to publishing performance data about the digital measures we provide.
- ✓ It allows us to rapidly develop and test new algorithms using advanced methods such as machine learning and makes speedy adoption possible through rigorous evidence supporting a wide range of clinical conditions.



The Resources

- » Using DiMe's [V3 Framework](#), we formalize the processes and documentation for the clinical use of digital measures.
- » A rigorous verification process is established to ensure the quality of raw sensor data. Sensor performance is also verified under different environmental conditions.
- » Analytical validation of the 30+ digital measures we provide are supported by 15+ peer-reviewed publications.
- » Clinical validation of ActiGraph digital measures have been examined in tens of thousands studies across a wide range of clinical conditions.