



mScan Research Overview

For investigators considering electrical impedance myography (EIM) in a study

What it is

mScan is a handheld device that uses electrical impedance myography (EIM) to measure the electrical properties of individual muscles through the skin — multi-frequency resistance, reactance, and phase, collected in seconds per muscle. It is an investigational device, available for use in IRB-approved clinical research; it is not cleared for diagnostic use.

What comes with the system

- mScan handheld device, sensors, saline wipes, and charger
- The guided mScan app for muscle selection, placement, and scanning
- Access to mscan.myolex.com for data management and export
- A research package: standard measurement protocol, bedside checklist, reporting template, device and safety documentation, and adaptable IRB materials (nonsignificant-risk justification and consent language)

Training

Myolex trains your study team before data collection begins, including a check of each operator against a reference operator. For home-measurement studies, participants or caregivers are trained in one session with a return demonstration.

Data and quality control

Scans are quality-checked with Myolex's QC tools, and measurements export as standard CSV files for analysis in any statistics package. Guidance on working with exported data is included.

Support

Technical support and help with data export are available for the duration of your study.

Your data, your publications

Investigators analyze their data as they see fit and publish with no obligation to involve Myolex as collaborator or author. Study data belong to your institution.

Getting started

Email info@myolex.com or call 888-382-8824 with your institution, principal investigator, a brief study outline, and the expected devices, participants, visits, and duration. We'll respond with a quotation and next steps.