

# SCOPE IQ

MAKING  
SURGICAL  
ERGONOMICS  
**VISIBLE**



# WHY WE MEASURE

## MEASURING TECHNIQUE MATTERS



Arthroscopy is a skill built through practice and control. Yet technique — scope handling, efficiency, consistency — is difficult to see or compare by observation alone. Measurement exists, but it's often tied to bulky, stationary systems. Without clear metrics, technique is often interpreted subjectively.

## UNTIL NOW

# How TECHNIQUE IS REVEALED

## SHOWING ECONOMY OF MOTION

During arthroscopy training and practice, physical motion and vibration are generated through routine scope manipulation and instrument use.

**SCOPE IQ** measures economy of motion, and shows video associated with:

- **Camera orientation**
- **Hand positioning**
- **Sustained control**
- **Scope handling**
- **Unintended collisions**



Simply connect to an iPad, and training continues as usual — motion is captured automatically.

# WHAT YOU GET

**PORTABLE • PRACTICAL • POWERFUL**

**SCOPE IQ** produces clear data summaries of scope motion with video captured during a session.

## DATA OUTPUT

- VIDEO \*
- MOTION
- JERK
- TIME

## HELPS MEASURE

- CONSISTENCY
- SMOOTHNESS
- LANDMARKS
- TECHNIQUE

## FLEXIBLE PLATFORM

- ANY TRAINING ENVIRONMENT
- ACADEMIC OR INDUSTRY

\* VIDEO MAY BE UPLOADED TO THE CLOUD ONLY IF THE PARTICIPANT CHOOSES TO DO SO.

Accelerate training that can be seen — and practiced **anywhere**.

**Clear** data makes progress easy to review and share.

See what data can do with **Scope IQ**.

Learn more at

<https://www.mibio.io/scopeiq>

