A wealth of data are collected during the medical device development process and in real-world environments. But these data vary in quality and format and are currently siloed within organizations for privacy and proprietary reasons. Developing an independent third party to collect and analyze these data can help identify trends in device quality and safety and provide powerful insights for improving outcomes while safeguarding data.

CfQcc Medical Device Information Analysis & Sharing (MDIAS)

The MDIAS Initiative focuses on building a data-sharing collaboration to analyze and share medical device data from various public and non-public sources to improve healthcare outcomes. Data will be safeguarded by an independent trusted third party (TTP) to foster broad participation and engagement.
About MDIC
The Medical Device Innovation Consortium (MDIC) is a public-private partnership that brings together representatives of the FDA, NIH, CMS, industry, nonprofits, and patient organizations to improve the processes for development, assessment, and review of new medical technologies. We are working toward faster, safer, and more cost-effective innovation for patient benefit.

MDIC has been formed to add value at the intersecting needs of the medical device industry, the FDA, and the related organizations that are together responsible for a vibrant medical device industry that serves the public health needs of the United States.

Vision
MDIC, through its public-private partnership, aims to advance regulatory science in the medical device industry. MDIC will coordinate the development of methods, tools, and resources used in managing the total product life cycle of a medical device to improve patient access to cutting-edge medical technology.

Initiatives and Programs
MDIC’s initiatives focus on four areas, each of which has one or more programs to meet a specific need:

1. Clinical Science – Addresses the biggest barriers to collecting adequate clinical evidence in the support of new medical technology by creating blueprints for innovative clinical trials techniques, developing standards and metrics for effective clinical trial designs, and encouraging the collection of adequate and appropriate clinical and patient preference data
   - Clinical Diagnostics
   - Early Feasibility Studies
   - Science of Patient Input

2. Data Science & Technology – Fulfills the promise of advances in data analysis by creating tools and methods to use advanced data analysis techniques and new technology to accelerate the collection of clinical data, remove barriers to patient access, and monitor product safety, quality, and effectiveness
   - Case for Quality Collaborative Community
   - Computational Modeling and Simulation
   - Cybersecurity
   - External Evidence Methods
   - Systemic Harmonization and Interoperability Enhancement for Lab Data (SHIELD)
   - 5G-Enabled Health Technologies

3. Health Economics & Patient Value – Creates predictability and transparency of evidentiary requirements for coverage and improves pathways for coverage, coding, and payment to speed patient access and amplify the patient voice in selection of treatment options

4. National Evaluation System for Health Technology Coordinating Center (NESTcc) – Works with stakeholders across the medical device ecosystem to catalyze the timely, reliable, and cost-effective development of Real-World Evidence to enhance regulatory and clinical decision-making.

LEARN MORE ABOUT MDIC
Learn more about MDIC by visiting www.mdic.org, sending a message to info@mdic.org, or calling (202) 828-1600.