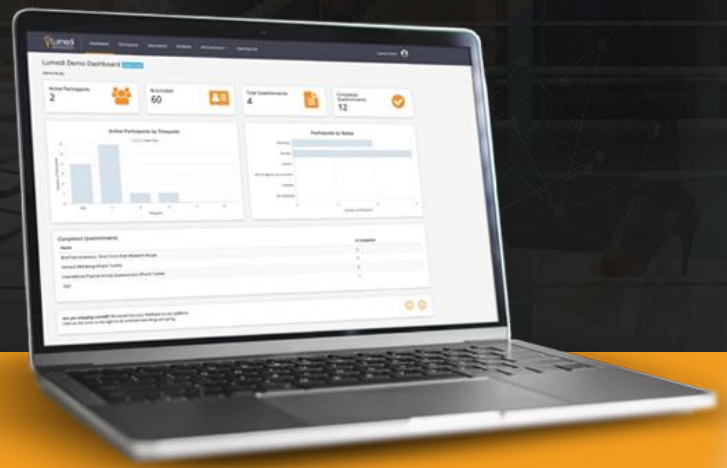
Lumedi

Simple, Powerful, and Collaborative Solutions for Clinical Research

Lumedi's cloud-based electronic data capture (EDC) Platform empowers research by supporting the collection of high quality, high integrity data from anywhere in a timely fashion while controlling costs!



A Researcher-Driven Approach to Data

Lumedi

Lumedi
Platform
Vision
Why Choose Lumedi!
Contact

Lumedi – Background

Simple, Powerful, and Collaborative Solution for Clinical Research Teams

Lumedi is a health data management and warehousing company built on a cloud-based platform to support researchers in the collection of high quality, high integrity data in real-time from any location, in a secure and privacy compliant manner.

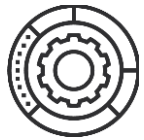
The Lumedi Platform™ was originally developed as a collaborative partnership with Dr. Stelios Georgiades of McMaster University and MacART (McMaster Autism Research Team).

The Lumedi Team continues to evolve the system alongside its clients to benefit researchers, clinicians, patients, and other stakeholders to improve healthcare.

Lumedi EDC – Strategic Data Warehouse

Collaboration Made Easy
Unlimited users and multi-site trials can securely share documents with participants & stakeholders, through centralized user management

Security of Data
Encryption of data at rest and in transit, continuous backups, 99.98% uptime, data stored in the country of origin for Canadian and US customers, HIPAA, FDA 21 CFR Part 11, ISO 27001, and PHIPA compliant



Auditing & Monitoring of Data
Role-based access to data, instant data validation for study monitoring

Exporting & Reporting of Data
Export in standard data formats, set up automated in-app reporting

Lumedi EDC – Data Collection Methods

Clinical Electronic Data Capture (EDC)

Easily setup up outcomes and forms within the platform for clinician/researcher or patient input

Electronic Case Report Forms (eCRFs)

Data capture in clinical trials

Electronic Patient Reported Outcomes (ePROs)

Data capture directly from participants

Electronic Informed Consent Forms (eICF)

Obtain informed consent from participants electronically

Health System Integration, i.e., Electronic Health Records (EHRs)

Integration with health system records for data extraction

Medical Devices & Remote Patient Monitoring

Integration with medical devices to collect physiological data remotely

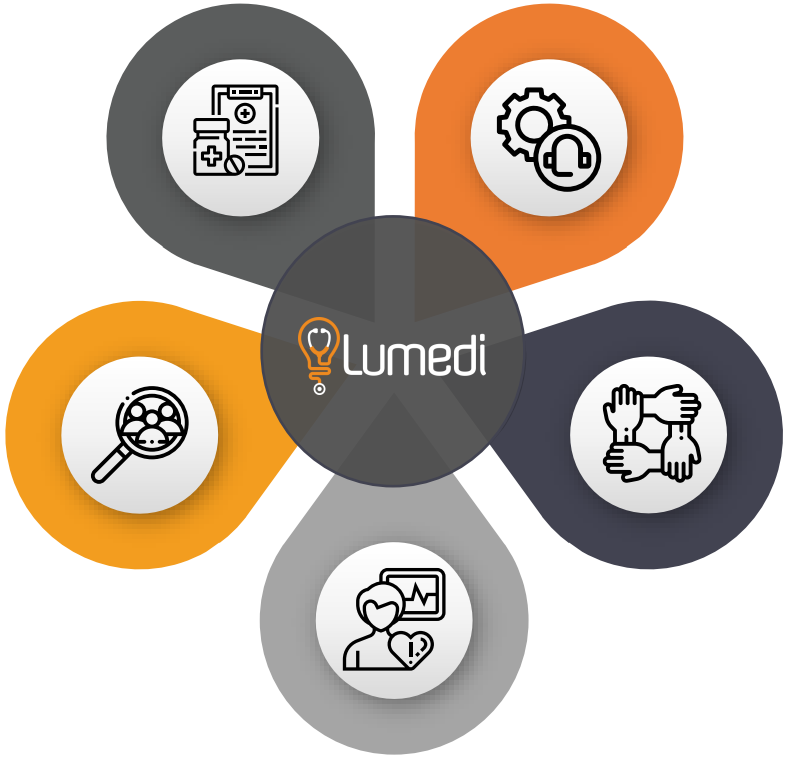
Lumedi Platform™ – Adaptable to Multiple Use Cases

Clinical Trials

Bioequivalence
Pilot & feasibility projects
Phase I through IV

Observational Research

Case-control studies
Cohort studies
Cross sectional studies



Patient Support Programs

Provide support and collect data from patients receiving treatment

Clinical Case Management

Management of interdisciplinary care teams for patients

Patient Registries

Collect data for a defined disease patient group

Lumedi

Lumedi Platform™ – Built for Any Study Size

Investigator Initiated Trials

The Lumedi Platform™ is designed for easy setup allowing researchers to built their own data.

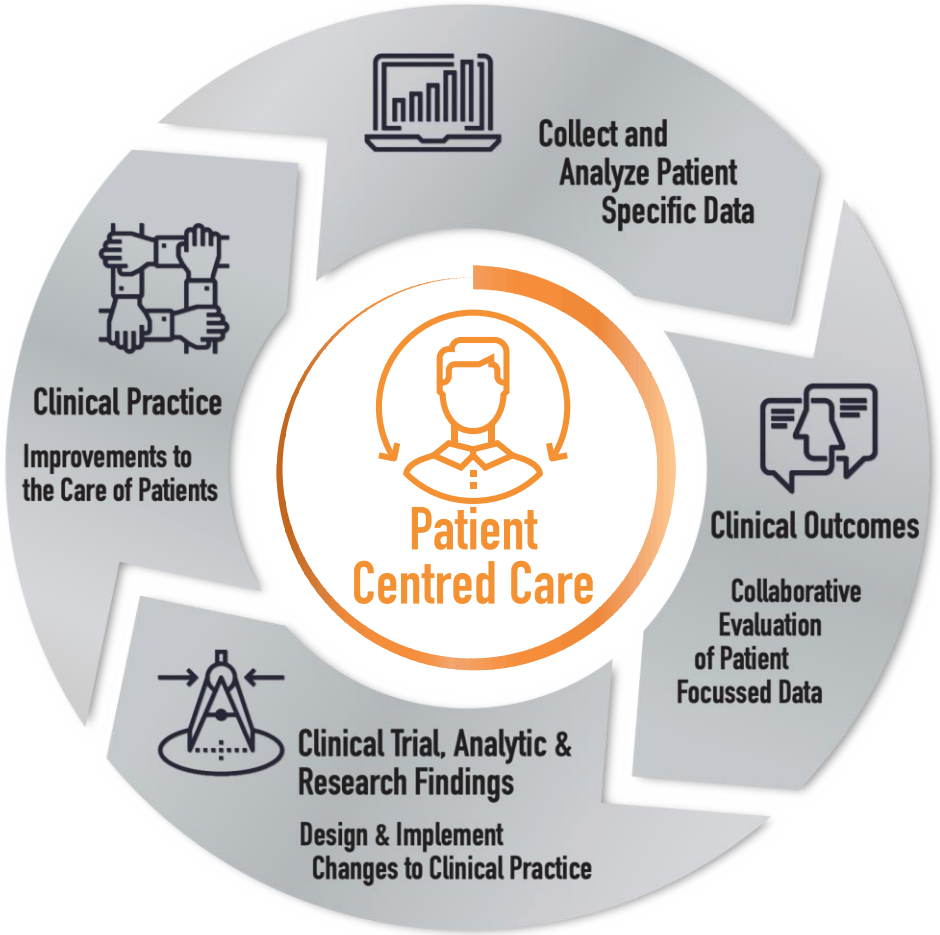
Data collection protocols setup within the system in less than one month.

Cost effective solution provided for as low as $3600 per year for a study of up to 100 patients.

Large Multi-Site Trials & National Patient Programs

The Lumedi Platform™ easily scales for larger studies with hundreds to throusands of patients from multiple sites.

Lumedi Vision



Lumedi's vision is to combine healthcare and research using health data and technology creating an instant feedback loop between point of care, scientific discovery, and innovation.

Learning Health System (LHS)
Research influences practice and practice influences research, to improve **patient centered** outcomes and lead to faster development and implementation of innovations.

Real World Evidence (RWE)
Use of real-world, **patient centered** data to understand how patient characteristics and behaviors affect health outcomes, response to prescribed therapies, and risk of adverse events.

Why Choose Lumedi!

Clinical Electronic Data Capture (EDC)
Easily setup up outcomes and forms within the platform for clinician/researcher or patient input

Security of Data
Compliant with health information privacy and clinical research guidelines

Collaboration Made Easy
Unlimited users and multi-site trials
Securely share documents with participants & stakeholders
Centralized user management

Total Study Automation
Automatically send electronic forms to clinicians/researchers or participants and gather data in real-time
Set up alerts and reminders to ensure compliance

For more information visit www.lumedi.org

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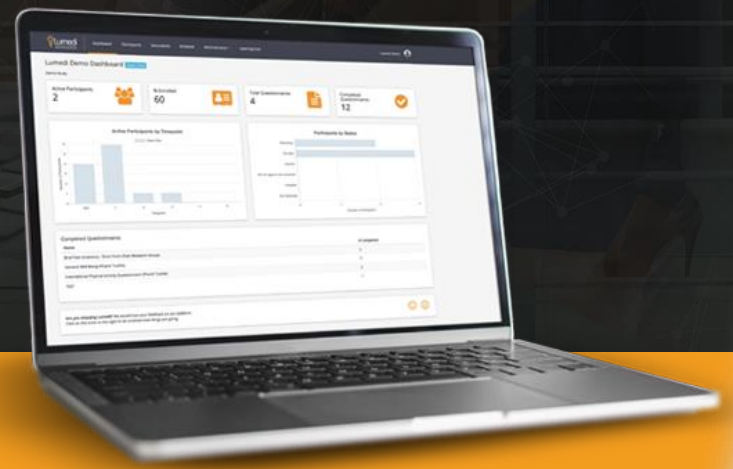
For more information visit www.lumedi.org or send an email to info@lumedi.org