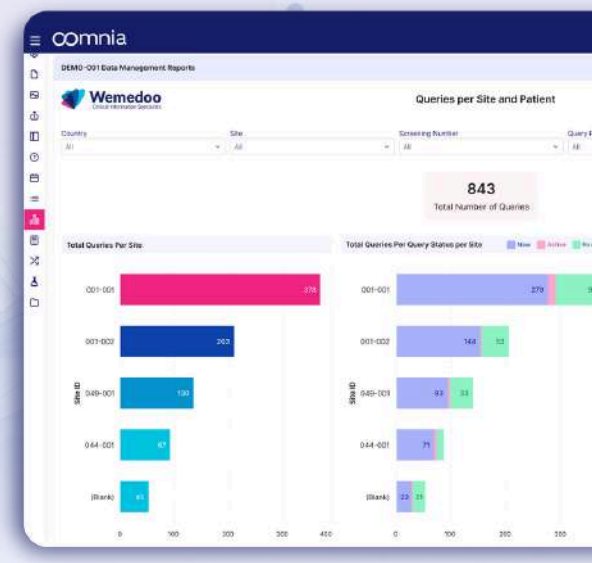
Unified clinical trial software for infectious disease studies

One platform. Real-time data. Built for rapid response.



oomnia brings infectious disease trials into a unified Clinical Research Information System (CRIS), enabling teams to manage fast changing patient data, diagnostics, and safety signals with coordinated execution and continuous visibility across the full study lifecycle

The operational reality of infectious disease trials

Rapid disease progression and short evaluation windows

Infectious diseases evolve quickly, often requiring frequent assessments within narrow timeframes

Outbreak dependent enrollment dynamics

Trial timelines are closely linked to infection rates, which can fluctuate unpredictably

Diagnostic and pathogen variability

Variability across laboratories and technologies complicates interpretation of pathogen data alongside clinical outcomes

High frequency safety and monitoring requirements

Patients may require continuous monitoring due to rapidly changing clinical conditions

Regulatory urgency and variation

Expedited approvals and differing regional requirements can complicate study setup and execution across markets

One connected system for infectious disease trial execution

Brings together clinical observations, diagnostic outputs, safety data, and operational workflows into a single, synchronized dataset

Supports rapid protocol adjustments in response to emerging variants, evolving definitions, or updated public health guidance

Enables near real-time tracking of symptom progression, pathogen dynamics, and treatment response across patient populations

Eliminates fragmentation between sites, laboratories, and external partners by replacing multiple tools with one coordinated environment

One platform for infectious disease trial execution

Infectious disease workflows, streamlined from the outset

oomnia replaces fragmented system landscapes with a unified infrastructure where clinical, laboratory, and operational data are continuously aligned and instantly accessible across study teams

EDC

Captures high frequency infectious disease data, including symptoms, vitals, safety events, and diagnostic results. Designed to support rapid data entry and validation during short assessment intervals.

CTMS

Provides real-time insights into site activation, enrollment progress, and operational readiness across geographically distributed studies influenced by changing infection dynamics

RTSM

Supports flexible randomization models based on disease severity, infection status, or evolving inclusion criteria. Enables supply planning for trials with fluctuating enrollment rates.

eConsent

Facilitates consent in dynamic environments, including remote enrollment scenarios during outbreaks, with support for re-consent as protocols evolve

eCOA / ePRO

Captures patient reported symptoms such as fever, fatigue, respiratory status, and recovery patterns, enabling continuous monitoring outside traditional clinical settings

eTMF

Maintains inspection ready documentation across rapidly evolving studies, including protocol changes driven by new variants or updated treatment guidelines

Patient engagement tools

Supports remote monitoring, isolation based data capture, and frequent follow-up through automated communication and reminders

Analytics and reporting

Combines clinical, safety, and diagnostic data into real-time dashboards, enabling early detection of trends, rapid safety review, and informed decision making during active studies

EDC: Electronic Data Capture; CTMS: Clinical Trial Management System; RTSM: Randomization and Trial Supply Management; eConsent: Electronic Informed Consent; eCOA/ePRO: Electronic Clinical Outcome Assessment / Electronic Patient-Reported Outcome; eTMF: Electronic Trial Master File.

How oomnia fits into the infectious disease study ecosystem

oomnia serves as a central coordination layer connecting all critical systems and stakeholders involved in infectious disease research. This includes clinical sites, diagnostic laboratories, safety systems, and sponsor analytics platforms, creating a unified environment for managing time sensitive and geographically distributed trials.

Built for regulatory and operational confidence

- 21 CFR Part 11–compliant records with complete audit trails and secure electronic signatures
- Risk based quality management aligned with ICH E6(R3) principles
- CDISC-aligned datasets supporting standardized reporting across infectious disease studies
- Designed for global deployment and regulatory submissions to international health authorities

Measurable impact for infectious disease teams

Faster response to changing study conditions

Centralized data and configurable workflows enable rapid adaptation to shifting case definitions, variants, and treatment protocols

Improved visibility across patients and regions

Unified dashboards provide continuous insight into infection trends, patient outcomes, and safety signals

Reduced operational burden at sites

A single platform replaces fragmented tools, simplifying workflows in high-pressure, high-frequency study environments

Stronger data quality under time pressure

Real-time validation and integrated data capture help prevent gaps and inconsistencies during rapid enrollment and monitoring cycles

ICH E6(R3): International Council for Harmonisation Guideline for Good Clinical Practice (Revision 3); CDISC: Clinical Data Interchange Standards Consortium; 21 CFR Part 11: Title 21 Code of Federal Regulations Part 11 (Electronic Records and Electronic Signatures).

Explore how oomnia supports infectious diseases trials

Request a demo

Wemedoo
Clinical Information Specialists

info@wemedoo.com
+41 41 740 0124
Wemedoo AG
www.wemedoo.com