Multi-Site Clinical Trial Coordination

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Clinical Trial Operational Reality

Phase III trials routinely span 50+ sites across multiple countries with sponsors, CROs (IQVIA, Parexel, Labcorp Drug Development, ICON), site networks, central labs, IRBs, and regulators. Each integration is implementation-specific.

Decentralized trials add patient-facing devices, telemedicine partners, and home-care coordinators.

n-Party as Architectural Substrate

Each party contributes credentialed observations under party authority. Cross-organization operations admit through declared trial-protocol federation. IRB approval scope, regulatory submission scope, and sponsor authority all admit through composite admissibility.

Site-specific operations, central-lab operations, and emerging decentralized-trial operations all integrate structurally.

Clinical Trial Modernization Trajectory

FDA decentralized-trial guidance, EMA equivalent guidance, ICH harmonization efforts, and emerging real-world-evidence-driven approval frameworks all benefit from architectural n-party substrate.