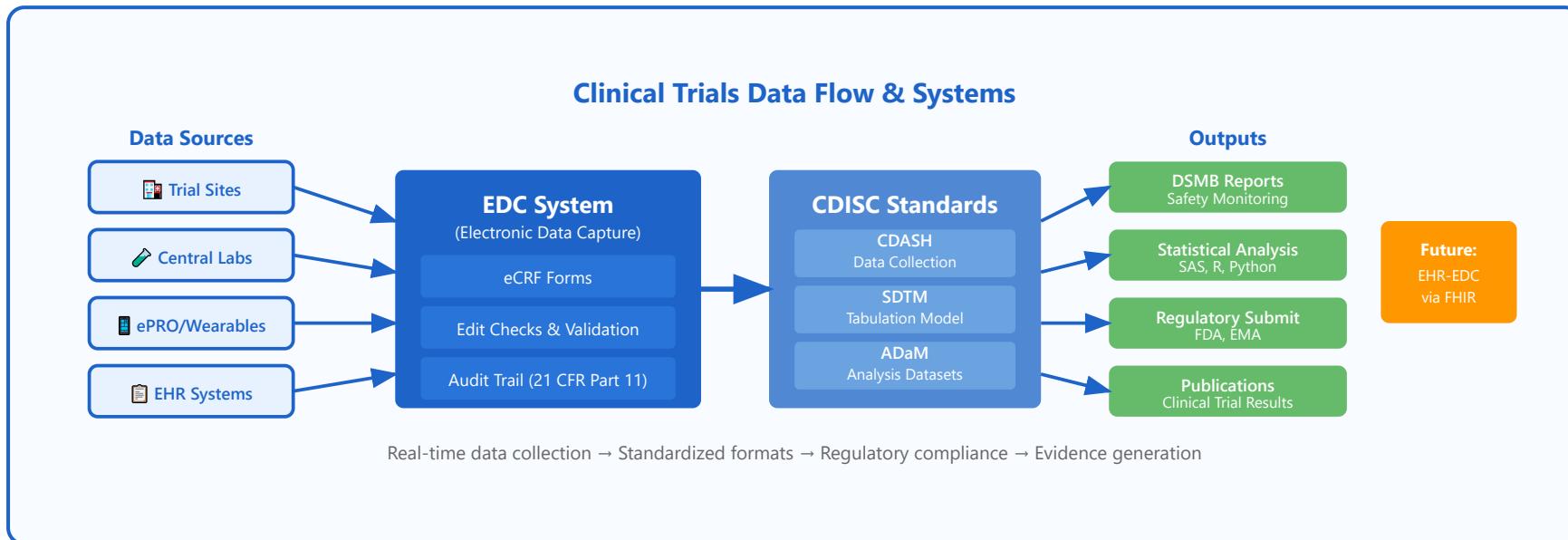


# Clinical Trials Data



## 💻 EDC Systems

- Electronic Data Capture
- eCRFs (case report forms)
- Real-time data validation
- Query management
- 21 CFR Part 11 compliance

## 📊 CDISC Standards

- CDASH: Collection standards
- SDTM: Tabulation model
- ADaM: Analysis datasets
- Define-XML: Metadata
- Regulatory submissions



## Data Monitoring

- DSMB: Safety monitoring
- Interim analyses
- Stopping rules
- Adverse event tracking
- Risk-based monitoring



## EHR Integration

- Direct data transfer
- Automated eligibility screening
- FHIR for interoperability
- Reduces duplicate entry
- Real-world data linkage