

What is OpenSpecimen?

OpenSpecimen is a Biospecimen Information Management System (BIMS) that is a scalable solution for a biorepository that meets the needs of a broad group of investigators and biobanks.

OpenSpecimen is supported by the ICTR and is considered a “Tier A” best practice for storing biospecimen metadata including PHI by the Data Trust’s Research Sub-council. OpenSpecimen is currently used by 66 collection protocols, tracking approximately 375,000 specimens for approximately 40,000 participants.

Why OpenSpecimen?

- Annotation of research and clinical data
- Specimen Information Interfaced with Precision Medicine
- Query capability
- Specimen and Derivative Tracking
- Specimen Event Tracking
- Epic Patient Lookup-Enabled
- Bulk Load Capability for Legacy Data
- Security (Enterprise Servers/JHED Login)
- Open Source with strong user community
- Extensible Architecture for Future Interfaces
- Supported by the ICTR

OpenSpecimen Services

- Initial two hour consult
- Weekly walk in clinic hour (first come first served)
- Monthly group training class
- Application enhancements and infrastructure

Additional available services (\$107/hour)

- Creating the Collection Protocol
- Performing a single legacy data load
- Creating / supporting ongoing periodic data loads
- Creating or support for creating a Query
- Annotations set up
- Creating or support for creating a Label Printing Query (to Print via the software of your choice)
- Configuration and ongoing full integrated printing support with Bartender*
- Create and maintain a Custom Interface
- Distribution Set up

*Bartender license may be required (additional cost)

Learn More!

Contact Bob Lange (rlangea@jhmi.edu) to learn more or set up a demo.

ICTR Website: <https://ictr.johnshopkins.edu/openspecimen>