Flywheel Discovery

Enabling enterprise-scale cohort discovery and analysis

Flywheel Discovery provides a searchable, web-based data mining and analytics environment for indexing and cataloging your imaging archive. It interfaces directly with PACS and VNAs to index DICOM metadata, and can also connect to available HL7 FHIR interfaces to index radiology reports. Easily create datasets and discover more within your imaging enterprise.

Flywheel Discovery offers researchers the functionality to:

✓ **Automatically index and archive every DICOM file in the imaging archive as well as data in radiology reports**

✓ Create dynamic search and analytics dashboards to support research cohort identification and retrieval

✓ Enable data provisioning for research in an automated, streamlined workflow

✓ De-identify clinical data to ensure regulatory compliance and data privacy

Access your imaging data for exploration and analysis

Flywheel Discovery is designed to catalog millions of imaging exams and associated reports from which dynamic subject cohorts can be created, retrieved, and incorporated into Flywheel Enterprise, XNAT, or other file management systems.

Imaging Instruments

Clinical PACS or VNAs

Radiology Reports

EMR / Other Data Files

Flywheel Discovery
- ✓ Index Patient Metadata
- ✓ Create De-Identified Cohort
- ✓ Export for Research

Flywheel Enterprise
Capture, Curate, Compute and Collaborate

Machine Learning

Multi-Center Studies

Improved Means of Care