

REALIZE THE FULL POTENTIAL OF YOUR MEDICAL IMAGING DATA

Biologics is the first fully interoperable, truly vendor agnostic engine for driving diagnostic imaging clinical and business analytics. Designed to be highly scalable, performant, and modular Biologics is a platform for medical imaging researchers, physicians, and administrators that integrates seamlessly into any medical imaging ecosystem to deliver complete and actionable insights in real-time.

Optimize and standardize your radiology practice

- Develop evidence-based protocols for imaging appropriateness to support Choosing Wisely/CMS AUC/PAMA
- Anticipate the ordering patterns of your referring community to drive satisfaction and loyalty
- Drive consistent ordering protocols across referring physicians according to clinical and appropriate use best practices



55%

of US physicians report that unnecessary tests and procedures are ordered at least once per week

Monitor end-to-end imaging operations from order to results delivery

Proven decrease in turnaround times by leveraging analytics

15%

- Unify data points across Radiology, Cardiology, PACS, HIS/RIS, EHR, and other clinical information systems
- Accurately measure wait times and turnaround times for primary interpretations, second opinions, and specialist referrals to ensure SLA adherence
- Execute evidence-driven continuous improvement programs that increase capacity and efficiency, optimize resource utilization, and reduce overall cost of care delivery

Execute quality-based reporting to drive continuous improvement

- Automate and improve quality-based reporting to access value-based care reimbursements and incentives (e.g. CMS, MIPS, etc.)
- Proactively monitor report quality by flagging ambiguous or incomplete content and terminology
- Report upon peer review findings and discrepancies to create targeted improvement programs

Leading Causes of Death

Heart Disease

Cancer

Medical Error

Proactively monitor follow-up recommendations to ensure timely adherence and reduce medical-legal risk

35%

of follow-up recommendations are never acted upon

7%

of radiologists will face a lawsuit each year

36%

of lawsuits stemmed from non-compliance to follow-up recommendations

- Elevate care quality by ensuring follow-up recommendations are acted upon within recommended timelines
- Automatically prioritize follow-up recommendations according to clinical urgency and polarity

Unlock the insights hidden within unstructured, narrative text using advanced natural language processing (NLP)

80%

of medical data is unstructured, narrative text



- Extract, correlate, and structure clinical insights from narrative radiology reports in real-time
- Easily integrate and contextualize findings across imaging specialties (radiology, cardiology, pathology, etc.)
- Automatically identify and stratify patient cohorts for training and research
- Build a clinical data repository that supports training, research, and AI development

To learn more about the Biologics Diagnostic Imaging Clinical and Business Analytics visit our website www.biologics.com or contact us at info@biologics.com

