

Optimize Clinical Outcomes with Closed-Loop Follow-Up Exam Management

Using a combination of Natural Language Processing (NLP) and deep learning, Biologics' DxPro Clinical Analytics Platform, powered by emtelligent®, automatically identifies and tracks actionable follow-up recommendations buried within the unstructured, narrative text of diagnostic imaging reports. This helps leading radiology practices to:

1. Improve clinical outcomes for patients by avoiding missed exams and delayed treatments
2. Reduce medicolegal risk for providers by avoiding delayed or missed diagnoses
3. Facilitate closed-loop communication between radiologists and referring physicians to ensure timely and accurate follow-ups
4. Capture additional revenue associated with improved follow-up adherence

AUTOMATE FOLLOW-UP REPORTING

Designed specifically to understand complex medical language, DxPro is able to parse the unstructured text within each radiology report to identify follow-up requirements and incidental findings and transform them into structured data that can be more easily tracked and monitored.

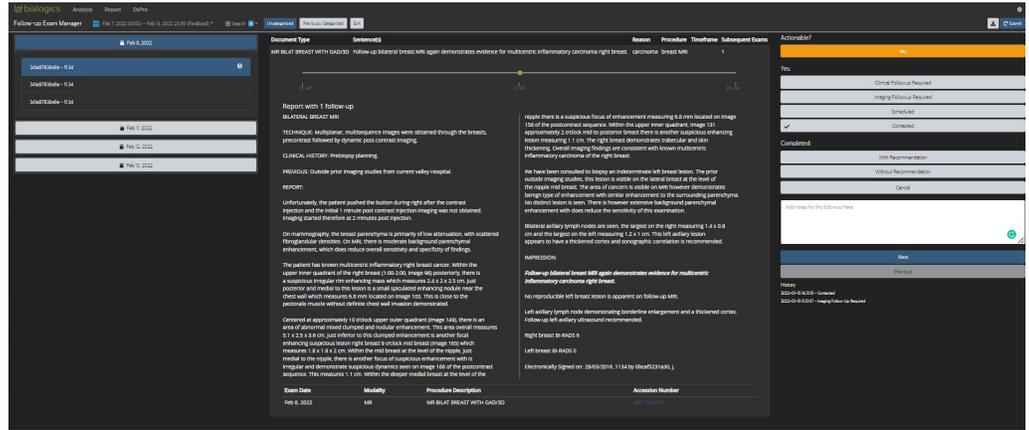
 Nearly 40% of medical imaging studies contain actionable follow-up recommendations, however 30% are never acted upon.

- Automatically identify important follow-up recommendations and incidental findings
- Easily filter findings according to patient, procedure, diagnosis, time frame, and follow-up categories
- Auto generate dashboards to simplify and improve follow-up monitoring and scheduling
- Manage the entire lifecycle of follow-up exams with a dedicated portal application to track and report upon performance and adherence to clinical guidelines

<https://pubs.rsna.org/doi/full/10.1148/radiol.2019182826>

OPTIMIZE FOLLOW-UP TRACKING & QUALITY ASSURANCE

By providing administrators with a unified dashboard to monitor follow-up recommendations, the DxPro Follow-up Tracker helps to ensure the right imaging takes place at the right time, ultimately enabling higher quality care for patients and reducing medicolegal risk for care providers.



The DxPro Follow-up Tracker parses the data from radiology reports to identify important follow-up recommendations and incidental findings.

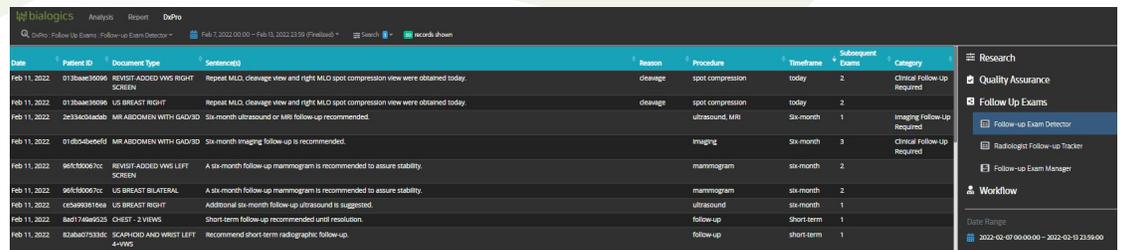
- ✔ Easily observe a unified list of follow-up recommendations for your patients or practice at-a-glance
- ✔ Quickly sort follow-up recommendations according to clinical or imaging protocols required to simplify tracking
- ✔ Mark follow-up recommendations as complete with a single click for more efficient and effective quality assurance

NEXT-GENERATION TECHNOLOGY FOR LEADING IMAGING ORGANIZATIONS

Biologics' DxPro leverages emtelligent's emtelliPro™ NLP engine to automatically identify, track, and correlate data from imaging orders and reports to unlock clinical and operational insights hidden within discrete and narrative data elements.

- Automatically process all types of medical text with high precision and recall
- Non-invasive, vendor-agnostic technology is fast to deploy and integrates easily with any EMR, RIS, or PACS
- Identify and codify medical entities using standard and custom ontologies (e.g. RadLex, SNOMED, LOINC, etc.)
- Highly scalable, secure, and HIPAA-compliant

The DxPro Follow-up Tracker provides an at-a-glance overview of actionable follow-up recommendations, allowing for more efficient and effective tracking and quality assurance.



DxPro is state-of-the-art innovation enabling closed-loop follow-up exam management and improved patient care.



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