

Lab Processing Intelligently Automated



The Challenge

- High administrative burden: Excessive time spent manually processing lab results
- Manual Result Review & Data Entry: Tedious manual lab result reviews and EHR data entry leads to errors in patient records and risk of incorrect patient diagnosis / care plan
- Delays in Result Processing: Slow turnaround times impact clinical decisions and patient care
- System Interoperability: Lack of seamless integration between EHR and lab systems leads to duplicate work and inefficient inboxes

The Solution

- Automated Extraction: AI-powered tools extract lab results and analyte readings, greatly reducing manual effort and errors
- Task Assignment: Open lab results are automatically and intelligently assigned for review and closure
- Seamless Integration: Direct data exchange with EHR eliminates redundant entries
- Real-Time Notifications: Instant updates improve coordination and efficiency

Benefits

- Saves approximately 12 minutes per analyzed lab result, significantly improving operational efficiency
- Saves up to 40 staff hours daily —valuable time that can be reallocated to patient care
- Eliminates error-prone manual processes, ensuring greater reliability, consistency, and accuracy
- Provides the ability to retroactively correct and reprocess past lab results, addressing historical quality issues accurately and efficiently

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Workflow

