

PowerScribe 360 Quality Check

Automatic validation to improve accuracy and actionability.

Challenge

Today's demanding healthcare environment increasingly focuses on value-based care and quality performance. Errors and inconsistencies in radiology reports can undermine confidence, delay reimbursement and harm patients.

Solution

Adding Quality Check to Nuance PowerScribe 360 Reporting provides powerful tools to improve report accuracy and consistency, which increases referring physician satisfaction, reduces risks and improves outcomes.

Clinical Language Understanding

Nuance's sophisticated Clinical Language Understanding (CLU) technology integrates one of the most comprehensive medical ontologies, leveraging five times the number of medical terms than other engines, and incorporates state-of-the-art language processing algorithms to achieve more accuracy and conceptual understanding than otherwise possible. This helps minimize documentation errors and supports appropriate identification of actionable findings.

Automated document checking

Thorough, automated report checking leverages this unparalleled language processing technology to understand the entire context of both the exam order and report itself. Quality Check flags quality errors, omissions and oversights in reports prior to final signature, thus preventing their occurrence and profoundly impacting patient outcomes.

Laterality consistency

Intelligent checking for inconsistencies in laterality recognizes the relationship of anatomy and can appropriately flag potential errors while minimizing excessive, burdensome notifications.

Gender consistency

Gender-based checks for male and female anatomy, combined with full context-awareness, increase the ability to identify errors and oversights.

Critical results and actionable findings

Automatic identification of critical results and actionable findings reminds radiologists to send and document a communication that satisfies regulatory compliance and improves patient safety.

Key benefits

- Interactive assistance at the point of documentation drives consistency, reduces diagnosis time and minimizes callbacks.
 - Clinical Language Understanding engine comprehends the full report context for identification of errors and inconsistencies in order to maximize accuracy and eliminate issues that can delay or reduce reimbursements.
 - Automatic identification of potential critical results and actionable findings encourages appropriate communication and documentation to support compliance with Joint Commission National Patient Safety Goals.
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About Nuance Communications, Inc.

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