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Nuance Precision Imaging Network for GI and GU health

Unlock the power of AI from point-of-read to point-of-care. Promoting more seamless workflow capabilities, data sharing at scale, and greater stakeholder connectivity.

From screening through follow-up management, AI applications have proven essential in the effort to promote earlier detection of liver disease and clinically significant prostate cancer as well as track intestinal movement for managing inflammatory bowel disease and motility disorders. The Nuance Precision Imaging Network (PIN) facilitates the radiologist's ability to deliver more quantitative, condition-related information to imaging stakeholders by providing access to a wide range of advanced liver, prostate, and intestinal AI imaging capabilities.

Through Nuance PIN imaging stakeholders take advantage of an ever-growing selection of AI solutions. Seamlessly deployed in the radiology workflow, PIN enables multidisciplinary teams to use AI insights to help improve patient care and throughput. Together, these capabilities foster greater confidence and help advance quality assurance and compliance processes across healthcare organizations—including those related to specific GI and GU performance goals.

Intelligent imaging

Nuance PIN offers multiple AI partner solutions built specifically to help GI and GU care teams. For liver disorders, PIN delivers AI insights to physicians that examine the entire liver, aiding in the diagnosis of liver disease and quantifying characteristics of liver tissue. To support inflammatory bowel disease and other motility disorders, AI insights can help physicians assess small bowel movement and objectively track intestinal movement over time to manage disease progression and treatment response.

For GU programs, Nuance PIN provides AI insights as a diagnostic support tool to help physicians detect clinically significant prostate cancer through Restriction Spectrum Imaging and improve accuracy of PI-RADS scoring versus using conventional multi-parametric MRI.
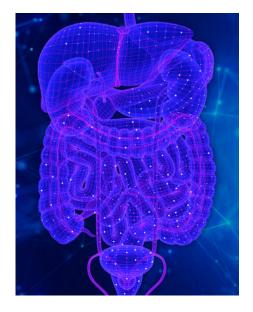
Integrated workflow

Nuance PIN is designed to streamline, simplify, and secure workflow capabilities while integrating effortlessly into existing systems. Our AI-powered solutions that serve as the foundation for PIN are industry proven and built to perform. Nuance PowerScribe is already used in 80%[1] of today's diagnostic reporting workflows, our PowerShare infrastructure expedites

HIGHLIGHTS

PIN delivers AI insights to care teams for multiple GI and GU pathologies:

— Aids in diagnosis of liver disease and quantification of liver tissue.

— Supports assessment of small bowel and intestinal movement to manage disease progression and treatment response.

— Applies Restriction Spectrum Imaging to support PI-RADS scoring to help detect clinically significant prostate cancer.

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patient care with real-time image sharing that allows users to access, exchange, and view medical images—anytime anywhere—across more than 12,000[2] connected facilities and our trusted Microsoft Azure cloud offers scalability, security, and strength across the enterprise.

Informed patient care

Nuance PIN is focused on supplying AI imaging insights that facilitate multidisciplinary team collaboration and objective disease management to improve patient management and quality of life. This holistic approach may help care teams offer more precise and timely diagnoses as well as proactive disease monitoring capabilities for more timely interventions and adjustments to treatment plans.

One platform to advance an enterprise-wide AI strategy

While AI-powered solutions can help bridge medical information silos and deliver improved patient outcomes, success requires a thoughtful, strategic approach. Too often, when hospitals and healthcare organizations struggle with multiple integration points and contracts, IT burdens and security risks, and cumbersome workflows, or lack appropriate model performance tracking, it can be difficult to achieve AI's full potential.

The Nuance Precision Imaging Network™ (PIN) was created to deliver more value to all imaging stakeholders through seamless hosting, integration, and management of partner AI services using a single data-driven platform. Together, we are connecting point-of-read to point-of-care by combining Nuance's industry-leading PowerScribe vast reporting workflows and PowerShare image-sharing infrastructure with the scale, security, and strength of Microsoft Azure.

Neurology
Cardiothoracic
GI and GU
Imaging specialties
MSK
Women's Health

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Learn more at nuance.com/PIN

Endnotes
1 Data on file Nuance Communications
2 Data on file Nuance Communications

About Nuance Communications, Inc.
Nuance Communications is a technology pioneer with market leadership in conversational AI and ambient intelligence. A full-service partner trusted by 77 percent of U.S. hospitals and more than 75 percent of the Fortune 100 companies worldwide, Nuance creates intuitive solutions that amplify people's ability to help others. Nuance is a Microsoft company.