Nuance Announces General Availability of Cloud-Based Version of mPower Clinical Analytics Platform for Radiology at AHRA 2018

mPower platform harnesses power of AI-based data mining to unlock actionable insights and industry benchmarks, creating a path to improved clinical and financial outcomes

ORLANDO, FL., July 22, 2018 – At the AHRA 2018 Annual Meeting and Exposition today, Nuance Communications, Inc. announced the general availability of a cloud-based version of its proven mPower™ Clinical Analytics platform for radiology. mPower Clinical Analytics helps radiologists develop performance improvement strategies through industry benchmarks and best practices. The cloud-based platform enables faster, easier access to actionable insights and provides advanced features, including a new quantitative findings analysis capability. This new feature helps radiologists reduce care delays, evaluate MIPS measures and strengthen quality improvement efforts. Also, at the meeting, Nuance will be demonstrating real-life applications of its AI Marketplace for Diagnostic Imaging, an open platform that is accelerating the development, deployment and adoption of AI for medical imaging.

Nuance's announcement comes as the healthcare industry enters an era of value-based care in which radiologists spend a tremendous amount of time on paperwork and routine processes due to growing reporting requirements. In addition, locating, extracting and interpreting appropriate patient information from reports can be difficult and time-consuming. Nuance's cloud-based, AI-powered tools help overcome these challenges by enabling radiologists to more quickly and accurately extract, aggregate, analyze and report on patient data.

"Nuance understands the value-based challenges that radiologists currently face and how to harness technology to address them. When used to augment a radiologist's work, Nuance's mPower Clinical Analytics platform can triple the positive impact of recommendation tracking systems," said Ben Wandtke, MD, MS, chief of diagnostic imaging, FF Thompson Hospital. "Not only does this cloud-based technology help optimize productivity and efficiency, it also improves compliance and increases technical revenue for radiology practices."

Providing Data-Driven Insights to Drive Positive Outcomes

Leveraging robust data mining algorithms, mPower Clinical Analytics transforms unstructured radiology reports and more quickly provides radiologists access to detailed, actionable information in Nuance's PowerScribe 360 reports and other clinical data sources. With mPower's AI-based data mining, radiologists can extract data and actionable insights from radiology reports while driving change based on industry benchmarks and best practices. In addition, mPower can help radiologists:

•Reduce length of stay – Modeling industry best practices, mPower can decrease patient length of stay (LOS) up to three days for patients needing interventional procedures by tracking inpatient recommendations and facilitating care coordination.

•Improve regulatory and billing compliance – By facilitating MIPS and other regulatory reporting, radiologists can optimize billing, reimbursement and outcomes documentation.

•Identify variability in follow-up recommendations – The platform automatically extracts follow-up recommendations from reports, creates detailed profiles for consistency, and enables radiologists to appropriately target and remediate recommendation variability while identifying overdue examinations.

•Increase revenues – By comparing problems, benchmarks and results across the industry, mPower helps practice managers develop and run an operationally efficient organization that profitably delivers effective clinical care.

•Reduce inappropriate imaging – mPower's data mining algorithms can help identify outliers, guide quality improvement efforts and reduce unnecessary ordering of images.

•Provide enhanced security – the cloud-based platform is hosted in Microsoft Azure, a HITRUST CSF certified hosting infrastructure, enabling easier upgrades, minimizing service disruptions and reducing total cost of ownership with reduced maintenance costs.

"Facing mounting pressure to demonstrate value and quality, radiologists must harness the intelligence hidden within their data and those of the industry to garner clinical insights into their biggest performance and quality challenges," said Karen Holzberger, vice president and general manager, Healthcare Diagnostics, Nuance. "Through Nuance-developed algorithms, the cloud-based mPower Clinical Analytics platform enables a more seamless and secure approach to extracting actionable, clinical information more efficiently. This data can then be used proactively and play a more active role in improving patient care."

Proving the Power of AI-Driven Radiology Workflows

AI empowers radiologists with improved productivity, while reducing their burdensome, tedious tasks. In addition to the mPower Clinical Analytics technology, Nuance will showcase its portfolio of AI-powered diagnostic solutions at AHRA, including real-life applications of its AI Marketplace for Diagnostic Imaging, an open platform for a growing number of developers, data scientists and radiologists to accelerate the development, deployment and adoption of AI for medical imaging.

Attendees visiting Nuance's booth will be able to experience an example of an AI-driven clinical use case for reading and analyzing CT chest images to detect lung nodules, in collaboration with registered AI Marketplace developers, Aidence, and Client Outlook's eUnity image viewing platform. This demonstration will illustrate one example of how AI can be developed and seamlessly integrated into a Nuance-based radiology workflow, augmenting the role of radiologists.

On Tuesday July 24 from 4:15 – 5:45 PM ET, Woojin Kim, MD, chief medical information officer at Nuance, will present a breakout session titled "Analytics and AI in Radiology in the Era of Value-Based Care."

About Nuance Healthcare
Nuance provides intelligent systems that support a more natural and insightful approach to clinical documentation, freeing clinicians to spend more time caring for patients. Nuance healthcare solutions capture, improve and communicate more than 300 million patient stories each year, helping more than 500,000 clinicians in 10,000 global healthcare organizations to drive meaningful clinical and financial outcomes. Nuance's award-winning clinical speech recognition, medical transcription, CDI, coding, quality and medical imaging solutions provide a more complete and accurate view of patient care.

About Nuance Communications, Inc.
Nuance Communications, Inc. (NASDAQ: NUAN) is the pioneer and leader in conversational AI innovations that bring intelligence to everyday work and life. The company delivers solutions that can understand, analyze and respond to human language to increase productivity and amplify human intelligence. With decades of domain and artificial intelligence expertise, Nuance works with thousands of organizations – in global industries that include healthcare, telecommunications, automotive, financial services, and retail – to create stronger relationships and better experiences for their customers and workforce. For more information, please visit www.nuance.com.

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