

# mPower Clinical Analytics Quantitative Findings Analysis

Unlock actionable information and drive improved outcomes.

Nuance mPower Clinical Analytics unlocks actionable information that maximizes your productivity and facilitates the transition to value-based imaging. mPower's cloud platform includes expanded natural language understanding (NLU)-driven tools that now extract clinical measurement and lesion sizes from the radiology report. This quantitative analysis can help to reduce delays in care, address over- and under-imaging, evaluate MIPS measures, and bolster your quality improvement efforts.

## Increasing demands require data-driven insights

Effectively using data to derive insights and drive change requires the ability to locate and interpret the essential information. For example, radiologists report numerous measurements when they interpret examinations, but they are embedded within the free text of radiology reports. It can be difficult, if not impossible, to extract these measurements for clinical or quality improvements. With the increasing demands and requirements of quantitative imaging and evidence-based guidelines, combined with measurement-based quality programs like MIPS, you need to unlock this information. That's where Nuance can help.

## Search for and analyze specific data

mPower Clinical Analytics significantly improves your ability to search for and analyze specific data stored across your enterprise. New capabilities of mPower to extract specific measurements provide advanced quantitative analytics and more intelligent quality control, helping you capture new insights, improve patient outcomes, and reduce costs.

## Identify variability in follow-up recommendations

Despite the availability of published clinical guidelines, radiologists' follow-up recommendations vary significantly, and that can lead to downstream financial and clinical impact. Over-recommendations contribute to over-diagnosis and increased health care expenditures, whereas under-recommendations can create delays in diagnosis and poor clinical outcomes. Identifying specific clinical measurements within radiology reports allows you to target and remediate appropriately.

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## KEY BENEFITS

- **Creates detailed profiles** for follow-up recommendation consistency and radiologist compliance.
- **Facilitates MACRA/MIPS, ACR,** and other regulatory reporting to optimize billing, reimbursement, and outcomes documentation.

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## AVAILABILITY

These new quantitative findings extraction capabilities are now available in mPower, Nuance's latest cloud-based analytics solution. This hosted platform harnesses the secure and robust technology of Microsoft® Azure™, Nuance's cloud computing partner. For more information, please contact your Nuance radiology account executive.

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## Improve regulatory and billing compliance

Regulatory requirements, including the MIPS quality measures, require measurement reporting and specific numeric values from within radiology reports. Extracting these values can identify both radiologists and examinations that are frequently out of compliance, and potentially help reduce reimbursement penalties.

## Demonstrating the value of quantitative findings analysis

- **Abdominal aortic aneurysms >7 cm have a 33% annual rupture risk, and an untreated AAA rupture has over a 90% mortality rate**  
*Example:* Query all AAAs >7 cm to identify at-risk patients and confirm appropriate follow-up recommendations.
- **New MACRA/MIPS measures require measurement-based reporting**  
*Example:* Identify inappropriate follow-up recommendations for thyroid nodules under 1 cm in patients 18 or older, to ensure compliance with MIPS Measure #406.

## Extractable measurements available

- Arterial aneurysms (aortic, splenic, thoracic)
- Nodules (adrenal, pulmonary, thyroid)
- Lesions, masses, cysts (adnexal, hepatic, pancreatic, renal, splenic)
- Stenosis
- Polyp
- Hematoma

## LEARN MORE

To learn more about Nuance Healthcare solutions, please call 1-877-805-5902 or visit [nuance.com](https://nuance.com).

## POWER IN THE CLOUD

Advanced features in the mPower cloud platform include:

- **Search capability** for specific clinical measurements to facilitate data analysis.
- **Custom graphs** with new measurement filters to provide easy-to-interpret data snapshots.
- **Tools to assess compliance** with various follow-up guidelines tied to measurements.
- **15 discrete** clinical measurements.

## Easy measurement selection options

Select Measurements

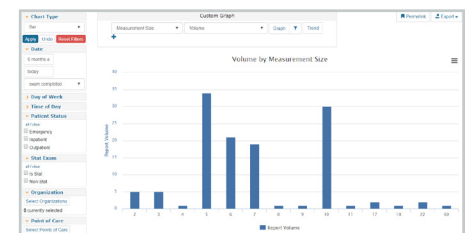
AAA ≥ 45 mm

OK

Select Measurements

Pulmonary Nodule between 6 mm - 8 mm

OK



## About Nuance Communications, Inc.

[Nuance Communications](https://nuance.com) (Nuance) is a technology pioneer with market leadership in conversational AI and ambient intelligence. A full-service partner trusted by 90 percent of U.S. hospitals and 85 percent of the Fortune 100 companies worldwide, Nuance creates intuitive solutions that amplify people's ability to help others.