

# BETTER PATIENT CARE THROUGH CLINICAL LANGUAGE **UNDERSTANDING**

Powered by Nuance Healthcare



## RICH, COMPLETE, PATIENT INFORMATION

Clinical Language Understanding (CLU) boosts documentation productivity, saves physicians time, and preserves the patient's unique story. CLU automatically extracts discrete, meaningful, data from physician notes and narratives and delivers standardized results (SNOMED, ICD-9, and RxNorm) for population into EHRs and patient documentation solutions. With interoperability of the data, and meaningful use related fact types, CLU supports better reporting, tracking, research, patient safety, and overall quality of care.

Clinical facts can be extracted from the patient narrative and a variety of medical documents, including: history and physicals, consultations, emergency room reports, office notes, progress notes, and discharge summaries.



### Problem/Diagnoses

*Facts classified to ICD-9 and SNOMED*

**Attributes:** Name and Status (active, history, chronic, resolved, recurrent)



### Medications

*Facts classified to RxNorm*

**Attributes:** Name, dosage, route, strength, form, frequency, duration



### Allergies

*Facts classified to SNOMED and RxNorm*

**Attributes:** Absence of known allergies, drug, environmental, or allergies not dictated



### Vital Signs

*Facts classified to SNOMED*

**Attributes:** Blood pressure, height, weight, temp, pulse, respiratory rate, oxygen saturation level, body mass index



### Procedures

*Facts classified to SNOMED*

**Attributes:** Name and Date



### Social History

*Facts classified to SNOMED*

**Attributes:** Substance (tobacco or alcohol), status, frequency

## ABOUT NUANCE HEALTHCARE

Nuance Healthcare, a division of Nuance Communications, is the market leader in creating clinical understanding solutions that drive smart, efficient decisions across healthcare. As the largest clinical documentation provider in the U.S., Nuance provides solutions and services that improve the entire clinical documentation process—from capture of the complete patient record to clinical documentation improvement, coding, compliance and appropriate reimbursement. More than 450,000 physicians and 10,000 healthcare facilities worldwide leverage Nuance's award-winning voice-enabled clinical documentation and analytics solutions to support the physician in any clinical workflow on any device.

For more information about cloud-based clinical fact extraction powered by Nuance Healthcare, please contact your healthcare app provider or visit [www.poweredbynuancehealthcare.com](http://www.poweredbynuancehealthcare.com).