

# PenRad Applicadia

Experience an interactive ecosystem that auto computes SNOMED, resolves ICD-10 coding, outputs in FHIR, and MORE, by voice for reporting.

**Enhance EMR Technology.**



**Interactive clinical rule-topology improves, refines and automates:**

- + Documentation and Compliance
- + Coding and Decision Support
- + Analytics/Evidence Based Medicine
- + Appropriate Use Criteria Rules
- + Reimbursement and E/M Coding
- + User Designer for Knowledge Base

# FHIR - CQL .Net Developers Suite

- + Gain access to mobility, usability, capture, retrieval, navigation, and medical databases.
- + Dynamic rendering eliminates tabs, screens, drop-downs, check boxes, clicks and logins.
- + Create data-set binding and rule prompts.
- + Reduce time to market and expense.
- + Knowledge base for HL7® FHIR®.
- + FHIR® interoperability and validation.
- + Deploy as a web service or with .NET library.
- + Clinical-Query-Language helps derive ICD10.
- + Rules-processing provides refinement prompts.
- + Natural-Language-Processing auto corrects.
- + SpeechAnywhere® voice recognition integration.
- + Design multi-platform GUIs via drag-n-drop.
- + Deploy on Android® tablets, phones and watches.
- + Deploy as HTML-5 Web-App.
- + Deploy embeddable control into existing 32-bit.
- + Data sets incorporated: HL7® FHIR®, SNOMED, ICD-10-CM/PCS, LMRP, NCD, CPT4/HCPCS, LOINC, RXNORM, NDF-RT, ATC, CVX, MTHSPL, UMLS, MEDLINE PLUS, MeSH, NCI.
- + Opens vertical healthcare opportunities.

## With Applicadia, Medical Facilities Benefit

Productivity and patient interaction improves during office visits, doctor and nurse rounds, as the user speaks their narrative report. Coding corrections, rejections, staff and delays, authorization and research times are all reduced. Infection transmission vectors reduced by speech interaction.

This technology offers documentation improvement and compliance, clinical decision support, coded analytics evidence based medicine, appropriate use criteria rules, reimbursement and E/M coding.

As a mobile clinical solution with speech recognition and CNLP, reports are auto organized and coded with ICD-10-CM/PCS®, CPT® and SNOMED-CT® as spoken.

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