

Risk Adjustment AI Solution for Medicare Health Plans

Cybexys has developed an automated risk adjustment solution, CARAT™, that maximizes revenues and compliance for Medicare Advantage (MA) plans, Medicare Direct Contracting plans and all their at-risk contracted providers.



Cybexys's CARAT is an Expert System that detects details often overlooked by coders when reviewing unstructured information from a clinician's narrative and trying to properly code the severity level of each member disease state. CARAT is a HIPAA-secure cloud solution that extracts clinical data from the provider's Electronic Health Records (EHR), including PDFs.

CARAT offers flexible workflows, with EHR integration, to alert providers of the following:

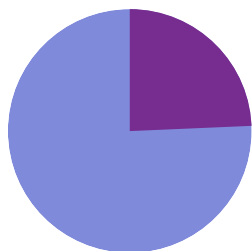
1. Under-documentation – Prior-years' documented chronic conditions that were not included in the current year's clinical notes.
2. Under-scoring – the provider failed to assign proper IDC-10 codes to capture the severity of the diseases; however, the clinical notes support higher severity and complexity.
3. RADV Exposure – the provider missed proper documentation to support evidence of **Monitoring, Evaluating, Assessing and Treating** for the patient conditions included in the claims.

CARAT takes as input the existing coding summary list in the EHR, and/or claims submitted to the payer, plus the clinical notes created in the EHR from structured and unstructured data entry by clinicians. The system analyzes the notes within the patient's record organizing the information by ontologies and then uses a rule-based algorithm to assign the set of improved severity ICD-10/HCC codes.

Cybexys has demonstrated the power of CARAT to resolve under-coding and to detect under-documentation that causes risk exposure to RADV audits, with the following outcomes:

14-24%

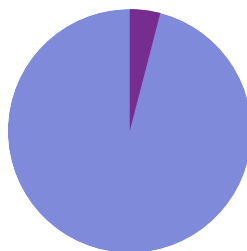
Under-Coded by Provider



Impact
\$47-76 pmpm

5-7%

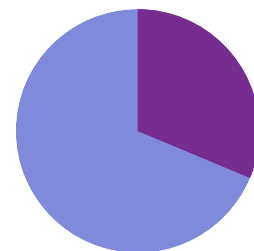
Under-Coded by RA Coders



Impact
\$4-23 pmpm

22-34%

CDI* Opportunities



Impact
Minimizing RADV risk

*CDI: Clinical Documentation Improvement

Differentiators

- **Real time processing:** Unlike other Risk Adjustment Solutions, CARAT processes unstructured and structured data in each member's medical records within seconds after the provider completes the clinical notes for each encounter. CARAT's Real-time processing allows for concurrent analysis with the opportunity to correct deficiencies before the codes are submitted to Medicare and other payers.
- **M.E.A.T. Criteria:** CARAT not only codes ICD-10 (HCC) but also validates M.E.A.T. criteria concurrent to the encounter. CMS requires supporting clinical documentation consistent with [M]onitoring, [E]valuating, [A]ssessing, [T]reating criteria for each HCC code. CARAT analyzes each encounter with M.E.A.T. validation criteria and identifies Clinical Documentation Improvement (CDI) opportunities offering improved insights with minimal impact to provider productivity and workflow. CARAT tracks M.E.A.T. lack of compliance for every member and diagnosis with alerts for timely resolution.
- **High Degree of Accuracy:** CARAT's semantic engine has a high degree of accuracy in identifying diagnoses, medications, laboratory results, procedures, etc. from structured and unstructured clinical notes, which results in more accurate list of diseases and severity levels.
- **Usability:** CARAT saves the providers several hours per week that they have to dedicate to resolve Risk Adjustment gaps in coding and documentation. CARAT offers the option of concurrent, prospective, or retrospective review of results by the providers without interfering with their workflow.

Value Proposition

1. First year MA Enrollees or transfers from FFS or another MA Plan:

Cybexys can deliver a 360° view of the new-members' historical clinical and claims data to include previously coded ICD-10/ HCC codes. This gives health plans an automated solution that is highly accurate and provides in-depth history for every member that enrolls in their plan.

2. Current members:

Cybexys provides an array of configurations that includes real-time data acquisition, automated coding, and clinical documentation improvement for prospective, concurrent, or retrospective risk adjustment of 100% of the member population.

3. Scalability:

While traditional risk adjustment coding, QA, and auditing approaches are manageable for small batches of charts, they present several significant challenges at scale, with manual chart reviews. CARAT increases the productivity and quality of the internal or outsourced coders.

4. Telehealth Integration:

Cybexys offers seamless integration with telehealth solutions to ensure that telemedicine encounters are properly coded for Risk Adjustment whether the provider documents in his/her own EHR or uses the telehealth vendor documentation option.