Precise, Consistent, Fast Medical Coding for Clinical Trials
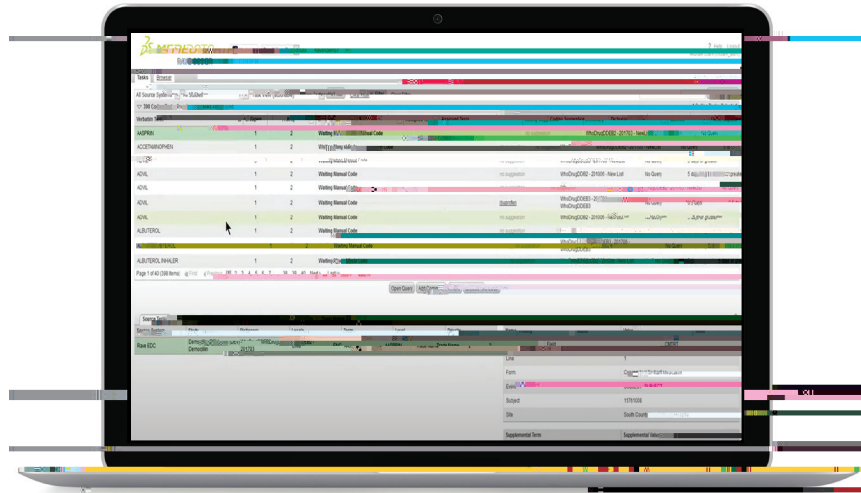

Rave Coder provides medical coding for verbatim terms from Rave EDC and external sources using the MedDRA, WHODrug and JDrug dictionaries. Manual coding is aided by suggestions made by Rave Coder using Natural Language Processing and Machine Learning.

When used with Rave EDC, verbatim terms requiring coding are automatically flagged in Rave Coder. Once a coding decision is made, the verbatim on the Rave EDC form is automatically supplemented with the coded response.

Product Benefits

Rave Coder centralizes and streamlines medical coding in clinical research, delivering key benefits to sites, coding specialists and data managers, including:

Coding Suggestions algorithm using Natural Language Processing and Machine Learning

Usage statistics to quantify the impact of Coding Suggestions and improve the algorithm

Workflows that are integrated and automated between Rave EDC and Rave Coder

Synonym list maintenance - manual coding decisions can be recorded so the next time the same verbatim is encountered it is automatically coded using the synonym list

Dictionary maintenance is managed by Medidata, with updates made within 10 business days of the release of new dictionary versions

Tools to support clients with up-versioning of existing studies

Features

Using Natural Language Processing and Machine Learning, Rave Coder displays suggestions for tasks awaiting manual coding. When viewing suggestions, coding specialists can view proposed coding decisions and elect to accept a suggestion or manually search for another.

Coding queries raised by the coding specialist in Rave Coder are routed back to the site personnel in Rave EDC.

WHODrug, MedDRA and JDrug Dictionary uploads to ensure that the latest coding terms are available are taken care of by Medidata. Synonym migration and reconciliation and Study Impact Analysis tools support clients with up-versioning of existing studies.

Verbatim terms from outside of Rave EDC can be imported, coded and extracted with Rave Coder so that clinical programs can have consistent coding decisions across all studies, including those managed outside of Rave EDC.

The Medidata Advantage

Medidata has unparalleled access to millions of coding decisions made across thousands of clinical trials enabling us to leverage this historic data and apply artificial intelligence to make increasingly accurate coding suggestions.

Coupled with Rave EDC, the most frequently used clinical data management system in the industry, Rave Coder enables fast, precise capture of adverse event and concomitant medication data.