

Natively integrated, consistent coding among studies, sites and reports

Medical Coding with Watson

Medical coding is vital to clinical trials and pharmacovigilance; however, it can be complex and time intensive due to the required medical knowledge and training. Medical Coding with Watson is designed to provide medical coding tools, up-to-date dictionaries, and predictive suggestions using Watson AI in a system integrated with IBM® Clinical Development electronic data capture.



Cognitive medical coding with AI

- Delivers consistent suggestions for unstructured verbatim text
- Employs system level training for Watson to reduce potential bias
- Watson returns top 1 to 5 proposed MedDRA codes relative to the confidence threshold
- Watson's suggestions provide another tool for medical coders to select the code that best conveys the medical concept



Workflow advantages

- System driven auto-coding with machine created auto-coding rules based on prior coding and approval decisions
- Uniform coding for studies, sites and reports
- Single system consistency, no integration required
- Flexible, permissions-based user roles
- Reduce the need for manual reconciliation from the use of multiple coding systems
- Minimize possible errors with suggested codes, review options, and reports
- Options to create customized views and listings
- View status and counts at a glance, make batch updates and jump directly to tasks



Context and reporting

- Highly visual coding reports help to enable new medical insights via Smart Reports
- Access information in the EDC for data review, queries and other study tasks
- Streamline coding by bringing important contextual data immediately to the forefront and enhancing auto-coding coverage



Coding dictionary continuity

- Access new or legacy versions of MedDRA and WHODrug dictionaries with the ability to apply multiple versions to the same trial
- IBM managed dictionary libraries to ease your workload for the upload and validation of new dictionary versions
- Dry run up-versioning reports to judge the impact on previously coded terms

