

The Evolution Of Coding Technology

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ABSTRACT

Clinical data coding was introduced to the life sciences industry over a decade ago to better ensure the safety of drugs in development, pushing forward technological innovations that enable open standards and global collaboration. Coding was once a tedious process wherein data managers worked from data listings and published encyclopedias to manually code medical terms. With technological innovation, coding has evolved into an automated process, bringing standardization and providing a centralized coding system across multiple global trials. Concurrently, the shift toward personalized healthcare combined with the growing global span of clinical trials, requires more insightful safety data to improve patient care. After providing key reasons for medical term coding, the paper details the evolution of coding technology. The speaker will discuss how the evolution of coding has supported the movement toward open standards and global collaboration to improve clinical coding processes.

INTRODUCTION

Medical Coding has changed radically over the last 15 years, moving from an intensive, laborious, manual process to something that is highly automated and software driven. The technology that now supports medical coding has evolved over time, becoming increasingly sophisticated and also reacting to changes in the coding process. In this demonstration, we'll look at some of the key capabilities of the Oracle Health Sciences Central Coding application.

THE EVOLUTION OF CODING TECHNOLOGY

TIMELY CODING

Initially, we'll look at how data can be captured directly from Sites over the web and how Central Coding can initiate the coding process immediately.

CODING PROCESSES

Having understood how the technology can facilitate auto and manual coding, we'll look at policing the coding process with examples of internal and external approval and monitoring capabilities.

IMPACT ANALYSIS

Finally, we'll look at how to up-version a dictionary in use and see how Central Coding supports the end users through this process.

CONCLUSION

We'll see how Central Coding supports the in-stream coding of data collected directly from Sites and helps address some of the key challenges in this area.

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CONTACT INFORMATION

(In case a reader wants to get in touch with you, please put your contact information at the end of the paper.)

Your comments and questions are valued and encouraged. Contact the author at:

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