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Centralized Systematic Network as a Database to Store the Participants in the Clinical Trials: An idea for an Electronic Portal needs to be Considered

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ABSTRACT

This topic came to my mind through my practice in the Pharmaceutical Clinical Research field as a suggestion to have a Centralized Database System that keep adequate information about the participants in that system but only enough to avoid multiple participations of the same patient within more than one trial especially majority if not all the study protocols would require that the participant not to be actively involved in another Clinical Trial.

Such a system in my opinion would keep, maintain, and enhance the quality of the outcomes from the Clinical Trials. However, such a system to be accessible to the sites who are conducting trials within the same geographical area and not to be accessible either by the sponsors or by the pharmaceutical companies.

Keywords: Clinical Trials; Participants; Database; Clinical Research

INTRODUCTION

This particular topic came to me after overseeing some essential issues in the field of Clinical Research to be resulted to this idea of creating such system that would be centralized and safe not to be shared but just between authorized and delegated professionals within the sites that are conducting the Clinical Trials among the same

geographical area whether same county, same city, same state, or same country to make sure that there is no participant would be participating in more than one trial.

Such creation might also lead to maintaining and enhancing the quality of the Clinical Research that is being conducted and accuracy of the data.

THE SYSTEM

I have noticed while in clinical Research that there are participants or patients who would be known by "Professional Subjects" that would benefit financially from the participation rather than working so they would choose more than one study to be in. Such patients might lead to inaccurate data outcomes for the trials although such patients would never admit of participating in another trial while enrolling in one because they are professional and informed enough so not to admit. Thus, creating and establishing such a centralized system or a centralized database might be able to control the duplicate participation of the same patient or participant within the Clinical studies. Therefore, this would lead to enhance and to improve the quality of the trials by providing accurate data whether side effects or any other data that is captured through the trial which would be a good method to be added into many solutions to maintain and to enhance the quality of the Clinical Research overall in addition to the quality assurance of the personnels working within Clinical Research as explained in another published article of mine.[1]

IMPLEMENTATION

First such a system needs to be designed by the technology experts and could be designed by the same companies who are designing the eSource maybe. Such creation needs to be supervised and managed later by the medical authority or the health department or the designated local or federal agency to ensure good practice with such system. Implementation would be gradually applied after several orientations and introductions being done prior to implementation then feedback and surveys to be taken so to evaluate to end up correcting after summarizing the evaluation.

The whole implementation process can be done locally within cities and each city by itself or each county by itself or maybe on the country level.

CONCLUSION

Whether such an idea is applicable or not, such creation would ensure the accuracy in conducting trials and in having the most accurate outcomes from these trials. However, ideas and efforts need to continue to rise and to appear to ensure the good quality of the trials to make sure that the Clinical Research is continuously heading toward the goal of medicine improvement and health promotion.

REFERENCES

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