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Title of the dissertation: Models for managing processes supporting clinical trials – implementation of a clinical trial support centre in a research organisation

## **Summary**

Clinical trials are a key element in the evolution of modern medicine and innovation in the healthcare sector. Their implementation is characterised by organisational, regulatory and procedural sophistication. In a dynamically developing organisational environment, the proper conduct of clinical trials increasingly depends not only on specialist medical knowledge, but also on the management of processes related to the implementation of trials.

The empirical part of this dissertation examined the role of clinical trial management, with particular emphasis on processes supporting medical experiments in research centres in Poland. The methodological triangulation technique was used, which included literature analysis, an online survey, expert panels and analysis of the collected results. The result of these activities is an application element related to the creation of an internal clinical trial management model at the Polish Mother's Memorial Hospital Research Institute. The implementation of supporting processes improves the conduct of clinical trials, promotes the organisational maturity of research centres and reduces the risks associated with their activities.

The opportunity for dynamic development of clinical research depends on the proper functioning of research centres in Poland and standardised processes. The key to the success of these activities is the knowledge and experience of medical and administrative staff. The model approach creates an opportunity to organise activities in research centres. The dissertation can be considered a contribution to both the theoretical and practical aspects of clinical trial management.

**Keywords:** clinical research, research centres, management, models, support processes