

INTERVAL MODELS OF PROFESSIONAL COMPETENCE OF MANAGERS IN THE HEALTH SECTOR

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The mechanism of professional competence of managers in the health system should be seen as a comprehensive system that consists of a provision system, functional and target system containing a set of organizational and economic levers that influence the health system to ensure the effective work of managers of various levels.

In order to get the real picture of the state of competence of managers of different levels, one needs to constantly gather the right amount of information and to analyse it. Failure at any stage means wasted time and missed opportunities to reach one's goals.

The problem of collecting and processing information is important to analyse the competence of managers of various units. Without the complete information on the competence of managers, the process of forming an effective organizational and economic mechanism of management competence in the health sector would not get to its logical conclusion.

The study aims to solve the problem of collecting and processing information that

resulted from the lack of methods to assess the competence of managers at different levels. As a result, information on the quality of staffing management will be the basis for making decisions on improving its competence.

The article offers an algorithm of application of interval analysis apparatus for decision support to ensure professional competence of managers. We have reviewed the tasks associated with modelling under the conditions of interval data can be solved by using interval analysis based on a theoretical computation interval. The author of the article designed instruments to substantiate the relevance of developing organizational, motivational, and control measures in the form of descriptive and normative models of professional competence of managers in the health system. For the tools of assessment of implementation, we used a methodology based on the constructed ontology concept of professional competence.

The results show the relevance of efforts to develop management competence in managers of health care facilities.