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БОЛАЛАРДА ПАРАЗИТЛАРНИ АНИҚЛАШДА ФУНКЦИОНАЛ-ДИФФЕРЕНЦИАЛ ТЕНГЛАМАДАН ФОЙДАЛАНИШ УСУЛИ

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АННОТАЦИЯ

Инсон танасидаги паразитларни гелминтик ривожланишининг динамикасини ёритишга харакат қилинади. Паразитлар ривожланишини математик модели ва дифференциал тенгламалар ёрдамида бошлангич шартлардан фойдаланган холда уларнинг вақт ўзгариши динамикасини ёритиб беради.

Калит сўзлар: Гижжа касаллиги, математик модел, кечикиш билан функционал-дифференциал тенгламалар, даволашни стационар холати.

METHOD OF USING FUNCTIONAL-DIFFERENTIAL EQUATIONS IN DETECTING PARASITES IN CHILDREN

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ABSTRACT

In the article we will consider the types of helminths found in the body of young children, their distribution, reproduction and harm to the human body. And also effective methods of treating these helminths in children. An attempt has been made to describe the dynamics of the development of helminthic invasion - parasites in the human body. With the help of differential equations using a mathematical model of the development of parasites, the dynamics of their change in time is described using the initial conditions.

Keywords: worm disease, mathematical model, functional differential equations with delay, inpatient treatment.