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SIMULATING THE PROCESS OF PROVIDING MEDICAL SERVICES FOR A VIRTUAL PATIENT AT THE CLINIC APPOINTMENT WITH THE GENERAL PRACTITIONER IN MARS SIMULATION ENVIRONMENT

The paper presents the model of providing medical services for a virtual patient at the clinic appointment with the general practitioner. The simulation results help to determine the number of unattended patients, as well as the number of doctors needed, they can be used to estimate the time of service and develop recommendations for queues elimination.

Keywords: process of providing medical services for a patient in a clinic, multi-level simulation, queue in a clinic, Stateflow Chart.

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