



ADJABI S.
MD16

Monday 15:30 - 17:00

Room M3-04

Aissani, D., Dehas, N., Abderahmani, H.

MODEL FOR THE MOVEMENT OF PATIENTS IN A HOSPITALISATION SERVICE

This work describes a modelisation methodology aimed to evaluate the courant performances of a given hospitalisation service, than predicting these performances'values after altering some parameters of the system. The movement of patients in a hospital was modeled by mean of a queuing network. In this study, we have applied three approaches: analytic method, simulation and an approximate method. These methods had enables us to establish the following characteristics: average waiting time in the emergency service, the occupying rate of beds and nursing staff, average staying time and average number of patients in the hospitalisation service. An application to the Khellil Amrane hospital of bejaia (Algeria) has been done.

The logo features the letters 'CHU' in a bold, blue, sans-serif font. A blue arc is positioned behind the letters, starting from the bottom of the 'C', passing behind the 'H', and ending at the bottom of the 'U'. The top edge of the white rectangular area containing the letters has a torn paper effect.

CHU

DE BEJAIA