

# **DATABASE MANAGEMENT SYSTEMS IN MEDICINE**

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**Nowadays, the role of computer and information technology in medical education is very important. Increasingly, information pressures are on the agenda for improving the methods of selecting, sorting and utilizing information for optimal, constructive, rational organization and management.**

Therefore, it is essential for every field employee who wants to be an expert in the future to have theoretical knowledge and practical skills, including free access to modern computers, ability to work in software packages and database management systems and to use simulators. With the advent of modern information technology, the increased flow of information and the rapid exchange of new data, it is necessary to seek timely processing of the information in this area.

- **The theoretical basis of the spent researches is made by the theory of the functional analysis, methods of splines-functions and modeling, variation and difference methods, methods of the numerical integration, the generalized spectral methods, the theory of numbers and matrixes, and also the theory of parallel computing processes in database medical system.**

Block diagram of the G80 architecture without graphics processing blocks

