



ECONOMIC AND SOCIAL IMPORTANCE OF AUTOMATING CLIENT APPLICATION SCHEDULES IN DENTISTRY

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Abstract. This thesis examines the economic and social significance of automating the client appointment schedule in dentistry. The introduction of automation systems allows dental clinics to effectively manage resources, increase productivity, expand their client base and analyze data, and for patients, these systems provide convenience, improved quality of service, transparency and reliability, and inclusivity. It is emphasized that automated reception systems increase economic efficiency and have social significance.

Key words: Automated system, time, service, productivity, customer base, data analysis, transparency, reliability.

With the development of technologies in the field of modern medicine, the provision of dental services is undergoing great changes. To improve the quality of dental services and create convenience for clients, it is important to automate the appointment schedule. The implementation of this system is not only economically beneficial, but also socially important.

Economic value of automating dental appointment scheduling:

Effective resource management. Effective resource management is the process of ensuring optimal use of the material, financial and human resources available in dental clinics. Automating your client scheduling helps improve this process even further. Important aspects of effective resource management using automated systems are detailed below. With the help of an automated system, dental clinics can effectively manage resources, including time and human resources. This system reduces errors and inaccuracies in the patient intake process, and also optimizes the workflow.

Increasing labor productivity: Increasing labor productivity is one of the important tasks of dental clinics. Employee productivity can be increased by automating the client appointment schedule. The various aspects of this process are described in detail below.

Reduced administrative burden



Registration and reception. Automated systems speed up patient registration and admission processes. By allowing patients to register online, the workload on administrators is reduced. This allows them to spend more time on other important tasks.

Reminders and notifications. The systems automatically send reminders and notifications to patients. It reminds patients about appointment times and prevents awkward situations. Administrators are freed from manual tasks such as making calls or sending reminders. With less manual administrative work, dentists and support staff can spend their time directly treating patients. This increases overall productivity and improves quality of service.

Expanding the client base: Convenient and fast online booking systems help patients choose the right time, which helps expand the client base. With the attraction of new patients, the clinic's income will also increase.

Ability to analyze data: Patient data can be collected and analyzed using automated systems. This provides valuable statistical information for future service improvement.

The social value of automating appointment scheduling in dentistry:

Patient Convenience: Automated scheduling systems allow patients to register, reschedule, or cancel appointments online. In addition to saving time and ensuring patient comfort, it also reduces stress levels.

Improved quality of care: Automation reduces patient wait times and increases the speed of service. This increases patient satisfaction and has a positive impact on their health.

Transparency and reliability: Transparency and reliability of reception times are ensured by automated systems. Patients will be able to schedule their appointments and show up to their appointments with confidence.

Inclusion: Advances in technology and the introduction of automated systems create a comfortable and inclusive environment for patients with diverse needs, including those with disabilities.

In conclusion, we can say that the automation system for scheduling client appointments in dentistry is cost-effective and socially significant. This system provides efficient resource management, labor productivity, customer base expansion and data analysis. Socially, it plays an important role in creating patient comfort, improving quality of care, ensuring transparency and reliability, and increasing inclusivity. Therefore, the introduction of automation of client appointment scheduling in the dental field significantly increases the efficiency and usefulness of the entire system.



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