THE CARDS OF RFID IN THE CONDITIONS OF MODERN TECHNOLOGIES OF PHARMACIES

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Introduction. Practical pharmaceutical activity is called to provide a population medicinal facilities and other products and services sent to the improvement of the state of health, including on warning of diseases and upgrading of life of patients. At treatment it is important to adhere to rational application of medications with the aim of achievement of maximal therapeutic benefit and avoidance of undesirable side effects. The decision of the put tasks is possible by the presence of corresponding assortment in pharm establishments.

Presently pharmaceutical enterprises and pharm establishments in the conditions of market economy need the operative receipt of information, to her treatment and in drawing on the results of analysis in the process of the activity. Development of valuable control system in pharmaceutical enterprises and pharm establishments of to by a key step in practical introduction of international standards [3].

Purpose of the study. Reporting the cards of rfid in the conditions of modern technologies of pharmacies

Materials and Methods. Statistical, analysis, structural.

Results and Discussion. For today is actual the use of RFID-of cards (Radio frequency identification). Plastic cards (RFID-of card, smart card) show a soba cards with a built-in chip that is essentially a microprocessor and able to contain plenty of information. Smart cards can be encoded and read with the help of wireless technology. The cards of RFID provide high strength of data security and allow integrating a few possible functions in one plastic card.

These cards fall into a category are noncontact plastic cards. A basic application of cards domain with radio frequency authentication is the systems of access, authentication of person and other. The sizes of RFID of card usually coincide with the sizes of standard magnetic plastic card, but here, a thickness of RFID of card can be some anymore.

Aiming to promote loyalty of customers, pharm network of Azienda Speciale Multiservizi (ASM) Venariана north-west of Italy RFID- suggests to use card, that allows to the clients to create the diaries of patient and watch the purchase of medications that is released after a recipe. After a half-year pilot scheme that was conducted in a few pharmacies, a company extends the use of In the future it is possible to expect that the customers the use of these cards will be offered to and for other aims, for example, of results of inspection, for example, of measuring of level of glucose at blood and piesis and other. This technology that now will be used in 17 pharmacies in a province Turin presently. In the future it is possible to expect that the customers the use of these cards will be offered to and for other aims, for example, of results of inspection, for example, of measuring of level of glucose at blood and piesis and other.

The leadership of ASM Venaria decided to develop a map concept that would not only increase customer loyalty, but could also be used to provide medical services. As a result of this approach, the ASM map, which contains a passive RFID tag with a frequency of 13.56 MHz, appeared in accordance with ISO 14443. Without a card, clients have to undergo a medical examination and monitor their health, for example, under arterial pressure, and this possibility exists everywhere in any pharmacy. Thanks to the ASM card, buyers have the incentive to return to the pharmacy of the ASM Venaria network for medical check-ups and purchases, as each visit is registered on their card or on the server on the Internet. Pharmacy clients can provide this information to their doctors, as well as receive a printout of these data and, if necessary, bring them to the tax authorities or insurance companies. Customers can place a card on the ASM Venaria website or in drugstores of the network. They may choose to have their information stored on a server to which they will have access through a password and a personal identification number, or encrypted data can only be stored in a chip card [1, 2].

For today, ten thousand clients use RFID of card. It is there fore possible to say, that an experiment is successful and distribution of the system is in this connection planned yet on thousand that will allow keeping and watching information about medical services that is given in pharmacies, clients.

RFID of card is very highly sought how they have a row of substantial advantages before other. The cards with a chip multifunction and that is why very comfortable. They are not sensible to moisture, contamination and mechanical influences, so that really does not wear out practically. RFID of card have the greatest degree of security and to earn additionally them it is actually impossible.

On a today noncontact cards are used as an electronic userid in the checking of access systems. RFID of card the cheapest at the market. The card contains unique ID number that is programmed on the stage of production, in future changing this number is impossible, by means of map it is possible simply to identify an user in the noncontact systems of safety. Expected, that this service in course of time will broaden and will be accessible in a greater amount for patients and clients of pharm establishments [2].

Conclusions. At present, the company applies this system only in pharmacies. In the future in plans to extend the system to another thousand customers, which will allow to store and track information about health services provided in pharmacies.

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