Topic of the final qualifying work: Ensuring the protection of personal data in a private medical institution on the example of the APICs clinic, Yessentuki

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Information about the customer organization: APIX clinic, Yessentuki

The relevance of the research topic is due to the need for high-quality protection of personal data in any medical institution. Leaking medical information of clinic patients violates a person's privacy, personal and family secrets.

The purpose of the work: to develop recommendations for ensuring the protection of personal data in a private medical institution.

Tasks:

−　consider the types of activities and structure of a private medical institution – APICs clinic;

−　to study the information system of the dental clinic;

−　to study information flows in the organization and allocate the personal data;

−　study and analyze the methods and tools that make up the information security system of the APICs clinic;

−　identify shortcomings in the existing information security system of a medical facility;

−　conduct and justify the choice of methods and means of personal data protection in the medical firm APIX;

−　develop recommendations for ensuring the protection of personal data in a private medical facility.

The theoretical and practical significance of the research lies in the analysis of the existing system of personal data protection in a private clinic and the choice of methods and tools for creating a full-fledged system of personal data protection in a medical institution.

Research results: a system of personal data protection was developed at the APICs clinic in Essentuki.

Recommendations: purchase and use the following tools:

1. Conduct classes with the clinic staff to study the legal framework for the protection of HDPE.

2. Develop Instructions for processing personal data and familiarize each clinic employee working with HDP with it, under the signature.

3. Implement the Medesk medical information system. Use Medesk to keep electronic medical records of patients and electronic appointment records.

4. Use the Rutoken s password generator.

5. Install the Kaspersky Endpoint Security for business Advanced antivirus package.

6. install 3 IP TRASSIR TR-D7121IR1W video cameras in the clinic premises.

7. Install the 3G/Wi-Fi security and fire alarm system "Sentinel Smart 3G", adding smoke sensors " V-care»K and the "V-care" light-and-noise siren.

8. Install the UPS APC back-UPS Pro 900 uninterruptible power supply by connecting all the clinic's computers and the radiovisiograph to it.