

DIAGNOSIS OF DENTAL DISEASES AND DEVELOPMENT OF REGULATIONS FOR THE IMPLEMENTATION OF DENTAL SERVICES AMONG THE EMPLOYEES OF SILK SPINNING ENTERPRISES

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Abstract. The purpose of the study is to develop an algorithm for the detection of dental diseases and dental care among workers of silk spinning enterprises. It was found that the incidence of the main symptoms of dental diseases among employees of Bukhara Brilliant Silk is higher than the population that does not work at the company. Of the 9 indicators identified, 8 were found to be 1.5-7.6 times more common in workers. GVHD was 1.9 times more common among workers, stomatitis was 2.2 times more common, and candidiasis was 5.4 times more common among workers. In order to systematize and increase the efficiency of dental services, the Bukhara Brilliant Silk Spinning Company has developed regulations for dental services.

Keywords: silk spinning mills, workers, oral mucosa, dental diseases, dental services.

In silkworm enterprises, where chemical compounds are used in the technological process, great work is being done to reduce adverse factors in the production environment, proper organization of labor and strengthening the health of workers [Berezin VA, Shulaev AV, Galeev AK].

However, researchers believe that the emergence of various combinations of different chemicals, their harmful effects, the complexity of production technologies play an important role in the production of silk products in the occurrence of occupational diseases and dental diseases associated with the production environment in silk factories. based on [Agaeva D.F., Ibragimli X.I.]

The aim of the study was to develop an algorithm for the detection of dental diseases, detection of adverse effects on the oral cavity, assessment of the condition and the implementation of dental services among workers of silk spinning enterprises.

Materials and methods

In order to carry out scientific research, the health and dental status of workers at the Bukhara Brilliant Silk spinning mill in Bukhara were studied and evaluated.

A total of 262 employees of the enterprise were involved in the study, who were of working age (19-60 years), 106 (40.5 ± 3.0%) in the city, and 156 (59.5 ± 3.0%).) became permanent residents of the village. They were formed as the main group.

Results and discussion

The distribution of the working contingent by length of service is important for the study of dental diseases among the studied contingent.

We used scientific sources and the results of personal research to develop regulations for dental care at the Bukhara Brilliant Silk spinning mill. The developed regulatory algorithm is shown in Figure 3.

Application of this regulation will systematize the implementation of dental care among workers, produce the results of treatment and prevention, provide specific recommendations to the employee to continue their service duties and ensure their legitimacy. This reduces the likelihood of conflicts between workers and company management, does not adversely affect productivity, and allows workers to constantly monitor their dental health.

Conclusions.

1. It was found that the incidence of the main symptoms of dental diseases among employees of Bukhara Brilliant Silk is higher than the population living in the area of the enterprise, but not

working at the enterprise. Of the 9 indicators identified, 8 were found to be 1.5-7.6 times more common in workers.

2. Among the workers involved in 69.1% of all examinations, no pathological changes were observed in the OSH layer, while in the population this figure was 85.7%.

3. Pulpitis and periodontitis were diagnosed from inflammatory diseases of the dental system ($48.8 \pm 3.0\%$ and $22.9 \pm 2.6\%$, respectively, in the enterprise workers - $4.85 \pm 2.4\%$ and $20.7 \pm 1.4\%$). There is no convincing difference between the given parameters.

4. No practically convincing changes were observed among the groups compared on the parameters of enamel hypoplasia detection - respectively, this figure was $1.1 \pm 0.6\%$ in workers and $1.7 \pm 0.6\%$ in the population.

5. In order to systematize and increase the efficiency of dental services, the Bukhara Brilliant Silk Silk Spinning Company has developed regulations for dental services.

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