Bukhara Region Allergic Contact Dermatitis Disease with in the Younger Age Group of Patients Separation

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Abstract: A retrospective analysis of outpatient cards of 1156 patients under the age of 65 with allergic contact dermatitis from different regions of Bukhara region was carried out. The diagnosis of allergic contact dermatitis was confirmed by clinical, epidemiological and laboratory methods. The percentage of patients with respect to age and gender was studied. The clinical forms of allergic contact dermatitis in age and sex were studied and conclusions were made. Based on the obtained results, the indicators were statistically processed. Allergic contact dermatitis is significantly more common in children aged 25-39 years.

Key words: allergic contact dermatitis, allergic rhinitis, bronchial asthma, ecology.

Relevance
Allergic contact dermatitis is an inflammatory skin disease. Inflammation occurs mainly in the skin that is in contact with the allergen. Contact dermatitis occurs in 2-10% of the population and accounts for 15-20% of dermatological diseases [1]. Contact dermatitis occurs in 2–10% of naseleniya and in 15–20% of the total number of dermatological patients [2]. The frequency of development of allergic KD increases with age [3, 4].

In the Russian Federation, according to federal statistics, in 2018, the incidence of allergic contact dermatitis was 188.2 cases per 100,000 population, and the prevalence was 426.3 cases per 100,000 population. Among children from 1 to 14 years of age, the incidence was 774.4 cases per 100,000 population, the prevalence was 1589.4 cases per 100,000 population. The incidence of allergic contact dermatitis among 15-17-year-old children was 374.1 cases per 100,000 population, and the prevalence was 1134.0 cases per 100,000 population. [2] Allergic contact dermatitis can be associated with respiratory allergic diseases (allergic rhinitis, bronchial asthma). The disease may develop. [3,4]

The theory of air pollution explains the increase in allergic diseases, global urbanization, the rapid development of the manufacturing industry, and the increase in ozone, sulfur and nitrogen oxides, as well as carbon dioxide, formaldehyde, etc. Highly active and ultra-small particles cause aeroallergen sensitization and as a result of increasing the Th2-cytokine response, many immunological reconstructions occur in the body. [5,6]
The purpose of the study:
Age and gender analysis of patients diagnosed with allergic contact dermatitis living in Bukhara region.

Research tasks:
1. Determining the number of patients diagnosed with allergic contact dermatitis in Bukhara region.
2. Grouping of patients with diagnosed allergic contact dermatitis into groups according to regions.
3. Grouping of patients with diagnosed allergic contact dermatitis by age and gender.

Materials and styles
In 2020-2021, a clinical diagnosis was made in patients who applied to the regional dermatovenerology dispensary. The diagnosis was confirmed by the analysis of the patients and the clinic. Results before and after treatment were compared. Outpatient cards of patients were retrospectively studied and analyzed.

Result and discussion
In 2020-2021, the total number of people who applied to the dermatovenerology dispensary of Bukhara region with allergic contact dermatitis was 1156. The age and gender of these 1156 patients were retrospectively analyzed. All this was studied for research. A total of 1156 patients were studied, and all patients were statistically analyzed. 591 of them were women and 565 were men. The results of the study in relation to the age and gender of the referring patients had the following indicators (Table 1). The age range of studied patients is from 12 to 65 years. According to the determined data, cases of allergic contact dermatitis were the majority in Karakol, Olot, Bukhara city, G'ijduvon, Jondor districts. It has been scientifically confirmed that the number of cases of disease is related to the unique ecological environment of the districts and the production processes of industrial products. We can see this through the tables below.

Table 1. Age distribution of patients with allergic contact dermatitis in 2020-2021

<table>
<thead>
<tr>
<th>District name</th>
<th>Age distribution of patients with allergic contact dermatitis in 2020-2021</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12-18</td>
<td>19-25</td>
</tr>
<tr>
<td>Bukhara city</td>
<td>25</td>
<td>34</td>
</tr>
<tr>
<td>Bukhara district</td>
<td>20</td>
<td>18</td>
</tr>
<tr>
<td>Vobkent district</td>
<td>18</td>
<td>19</td>
</tr>
<tr>
<td>Jondor district</td>
<td>24</td>
<td>28</td>
</tr>
<tr>
<td>Romitan district</td>
<td>21</td>
<td>24</td>
</tr>
<tr>
<td>Qarovulbazar district</td>
<td>14</td>
<td>24</td>
</tr>
<tr>
<td>Karakol district</td>
<td>24</td>
<td>34</td>
</tr>
<tr>
<td>Olot district</td>
<td>25</td>
<td>32</td>
</tr>
<tr>
<td>Peshku district</td>
<td>17</td>
<td>28</td>
</tr>
<tr>
<td>Gijduvan district</td>
<td>24</td>
<td>28</td>
</tr>
</tbody>
</table>
The first table above shows the following: age distribution of patients with allergic contact dermatitis in the city of Bukhara. The results obtained in the period of 2020-2021 included 25 children aged 12-18, 34 aged 19-25, 20 aged 26-39, 22 people between 40-55 years old, 5 people between 56-65 years old, the total number of patients diagnosed with this disease was 106. Age distribution of patients with allergic contact dermatitis in the Bukhara region. The results obtained in the period of 2020-2021 show 20 children under the age of 12-18, 18 under the age of 19-25, 17 between the ages of 26-39, 21 between the ages of 40-55, The total number of patients diagnosed with this disease was 6 people aged 56-65 years. Age distribution of patients with allergic contact dermatitis in Vobkent district. The results obtained in the period of 2020-2021 showed 18 children aged 12-18, 19 aged 19-25, 17 aged 26-39, 14 aged 40-55. The total number of patients diagnosed with this disease was 6 people aged 56-65 years. Age distribution of patients with allergic contact dermatitis in Jondor district. The results obtained in the period of 2020-2021 showed 14 children under the age of 12-18, 24 under the age of 19-25, 21 under the age of 26-39, 14 under the age of 40-55. The total number of patients diagnosed with this disease was 90. Age distribution of patients with allergic contact dermatitis in Horobulbazar district. The results obtained in the period of 2020-2021 showed 21 children aged 12-18, 24 aged 19-25, 19 aged 26-39, 18 aged 40-55, 56 - 8 patients under the age of 65, the total number of patients diagnosed with this disease was 90. Age distribution of patients with allergic contact dermatitis in Romitan district. The results obtained in the period of 2020-2021 showed 25 children aged 12-18, 32 aged 19-25, 35 aged 26-39, 17 aged 40-55. The total number of patients diagnosed with this disease was 16 under the age of 56-65, making 125. Age distribution of patients with allergic contact dermatitis in Peshku district. The results obtained in the period of 2020-2021 showed 17 children aged 12-18, 28 aged 19-25, 26 aged 26-39, 16 aged 40-55. The total number of patients diagnosed with this disease was 9 people under the age of 56-65. Age distribution of patients with allergic contact dermatitis in Gijduvan district. The results obtained in the period of 2020-2021 showed 24 children under 12-18 years old, 28 people under 19-25 years old, 27 people between 26-39 years old, 16 people between 40-55 years old. The total number of patients diagnosed with this disease was 9 people aged 56-65. Age distribution of patients with allergic contact dermatitis in Shafirkon district. The results obtained in the period of 2020-2021 show 18 children aged 12-18, 27 aged 19-25, 26 aged 26-39, 18 aged 40-55, 56 - 8 patients under the age of 65, the total number of patients diagnosed with this disease was 97. Age distribution of patients with allergic contact dermatitis in Karakol district. The results obtained in the period of 2020-2021 showed 16 children aged 12-18, 24 aged 19-25, 22 aged 26-39, 17 aged 40-55 , 56 - 5 patients under the age of 65, the total number of patients diagnosed with this disease was 84.

The total number of patients registered with allergic contact dermatitis in 2020-2021 was 1156. It was analyzed by region and age. According to the results of the analysis, it was found that the district with the highest incidence rate of the disease is Olot. In the next place, it was determined that Karakol district was the least diagnosed with allergic contact dermatitis, Vobkent district.

<table>
<thead>
<tr>
<th>Shafirkon district</th>
<th>18</th>
<th>27</th>
<th>26</th>
<th>18</th>
<th>8</th>
<th>97</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kogon district</td>
<td>16</td>
<td>24</td>
<td>22</td>
<td>17</td>
<td>5</td>
<td>84</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>246</td>
<td>320</td>
<td>287</td>
<td>207</td>
<td>96</td>
<td>1156</td>
</tr>
</tbody>
</table>
Summary: Allergic contact dermatitis with disease 2020-2021 the total number of registered patients was 1156.

It was analyzed by region and age. According to the results of the analysis, it was found that the district with the highest incidence rate of the disease is Olot. In the next place, it was determined that Karakol district was the least diagnosed with allergic contact dermatitis, Vobkent district. In all districts, the number of women registered with this diagnosis was 591, and among men it was 565. From this we can see that this disease is more common among women by 5.3%.

List of references
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10. CLINICAL AND IMMUNOGICAL ASPECTS OF PATHOGENESIS AND COMPLEX THERAPY OF VITILIGO 10.17605/OSF.IO/UCRD8 14-20 Option Ikromovich Latipov, Makhmudov Farhad Akhmedovich, Ozodov The brave son of Hamza


