

# ABYLAYKHAN KAZAKH UNIVERSITY OF INTERNATIONAL RELATIONS AND WORLD LANGUAGES

## “Skin cancer”

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# Plan

I. Introduction.

II. Main part

2.1 Causes of Skin Cancer

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2.3 Diagnosis of skin cancer

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Skin cancer is a disease that develops from a multilayered flat epithelium, which is a malignant tumor.



The reasons that cause the appearance of formations on the skin are quite large, but among oncologists it is customary to distinguish the following:

Effects on the upper layers of the skin of various substances that have a carcinogenic effect. To those most often include tar, tobacco smoke, arsenic, any heavy metals.



An irrational approach to nutrition, the predominance of foods containing nitrates and nitrites in food. Danger is represented by all kinds of smoked products, fried foods, as well as canned food and marinades.



Radioactive and thermal radiation.



Any mechanical trauma of a birthmark. This can be a cut with an inadvertent shave or scratching.



Radiation dermatitis. Then skin cancer is a complication of the transferred illness.



Burns of any degree.



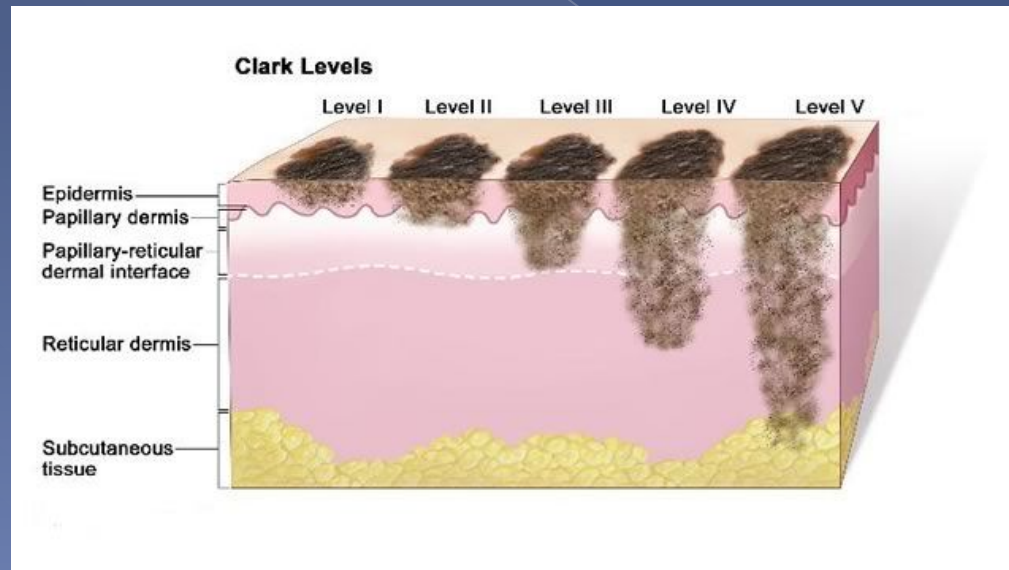
Effects of ultraviolet rays on unprotected skin layers.

Solarium increases the risk of skin cancer!



## Initial stage 1

The initial stage is characterized by the fact that the formation does not exceed more than 2 cm in diameter. Excellent moves with skin and does not have metastases. Nevertheless, the lower layers of the epidermis are affected, but the tumor is located in one place. Treatment at this stage is very effective and often leads to complete recovery of the patient.



## Stage 2 skin cancer

If to speak about the sizes, then at this stage the malignant neoplasm reaches 4 mm. But the most important thing is that the cancer cells did not reach the lymph nodes and did not begin to exert their destructive effect on the whole organism.

But sometimes doctors detect the presence of a single metastasis, which is located in a nearby tumor site with a lymph node. Patients often experience unpleasant painful sensations, which are localized at the site of the tumor.

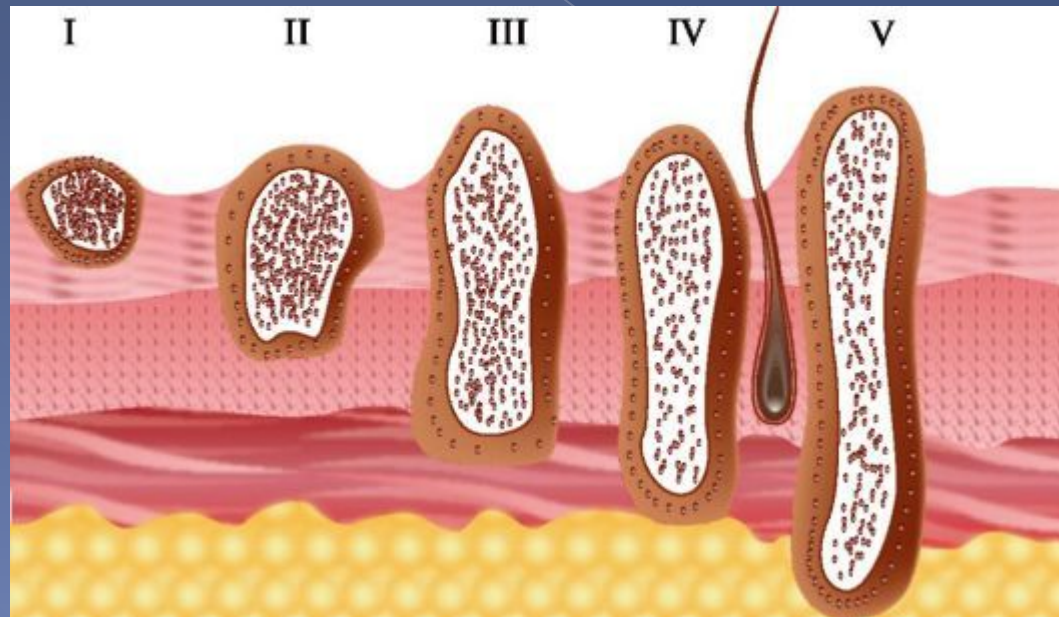




## Stage 3 skin cancer

For the third stage, the lymphatic system is characterized, but there are still no metastases in the organs. As for the neoplasm itself, it has a tuberos appearance and causes the patient a very uncomfortable sensation. At the same time the mobility is already limited, since the tumor has grown not only into the skin, but also into the tissues located under it.

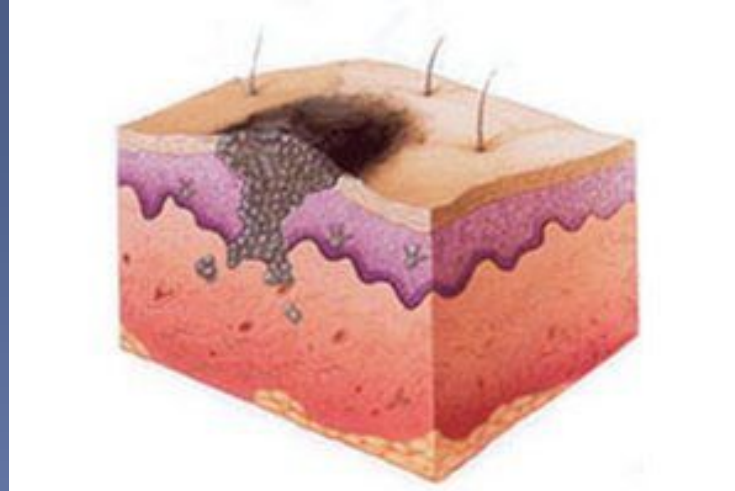
Quite often at this stage, there is an increase in body temperature. Survival is not more than 30% of the total number of patients.





#### 4 stage of skin cancer

Tumor or ulceration is large, captures large areas of skin. Education grows deep inside and often affects the skeleton, cartilaginous tissue. Most often it bleeds and poisons the entire body.



Diagnosis of any skin cancer is practically uncomplicated. If the patient discovers any education that causes the slightest suspicion, then it is necessary to consult a doctor oncologist.



The most common method is surgical intervention. In this case, both the tumor itself and the lymph nodes are removed if they have been affected.

To treat skin cancer, radiotherapy is also used, that is, they affect the affected areas of the skin with ionizing radiation. One of the modern methods for eliminating skin cancer is cryogenic therapy or nitrogen treatment. In this case, the tumor is affected by low temperatures. Also, doctors use laser and drug therapy in their practice.



For prophylaxis it is necessary to use sunscreen and moisturizing creams, to try to protect from mechanical impact and injuries scars and places of burns, when dealing with potentially dangerous substances, strictly use personal hygiene measures. It should be remembered that the earlier the disease is detected, the more likely it is to forget about it in the near future.



*Thanks for your attention!!!*