

# Cutaneous B-lymphomas

## Primary cutaneous marginal zone B-lymphoma

Marginal zone B-lymphoma is characterized by proliferation of small lymphocytes and plasma cells.

### Clinical picture

(Sub)cutaneous tumors affecting mainly the limbs with solitary or multiple occurrence.

### Histopathological image

Infiltrates of small lymphocytes , lymphoplasmacytoid cells and plasma cells are clearly visible .

### Therapy

Radiotherapy has the best results.

### Course and prognosis

Chronic course with almost 100% survival after 5 years.

## Primary cutaneous B-lymphoma from follicular centers

It is composed of a mixture of centrocytes and centroblasts. By cells formed from cells in the germinal center.

### Clinical picture

They usually appear as smooth papules with annular erythema most often on the head, neck or trunk.

### Therapy

Radiotherapy is most often used simultaneously with excision of the lesion. In more severe cases polychemotherapy.

### Course and prognosis

Survival 95% at 5 years, but recurrences are possible.

## Primary cutaneous diffuse large cell lymphoma of the lower extremities

B-lymphoma with a predominance of large lymphocytes forming on the legs. It affects women more often than men over the age of 70.

### Clinical picture

Red to bluish bumps and tumors on both or one limb. They can also affect other organs.

### Histopathological image

Diffuse infiltrates with mainly large B-lymphocytes are clearly visible.

### Therapy

Solitary lesions are treated with radiotherapy, in other cases polychemotherapy is used.

### Course and prognosis

Chronic course with recurrences with a survival rate of 55% after 5 years.

## Links

## related articles

- Cutaneous lymphomas: Cutaneous T-lymphomas ■ Cutaneous B-lymphomas
- Benign skin tumors
- Precancers in dermatology
- Malignant skin tumors: Melanoma ■ Basal cell carcinoma ■ Squamous cell carcinoma ■ Verrucous carcinoma
- Malignant mesenchymal tumors: Kaposi's sarcoma ■ Dermatofibrosarcoma protuberans
- Cutaneous pseudolymphomas
- Histiocytosis
- Mastocytosis
- Paraneoplasia

## References

- ŠTORK, Jiří, et al. *Dermatovenerologie*. 1. edition. Praha : Galén, Karolinum, 2008. 502 pp. ISBN 978-80-7262-371-6.

ŠTORK, Jiří, et al. *Dermatovenerology*. 1st edition. Prague: Galén, Karolinum, 2008. 502 pp. ISBN 978-80-7262-371-6.