



PHOTOTHERAPY, PHOTODYNAMIC THERAPY

## **LYMPHOMATOID PAPULOSIS WITH A HERPETIFORM ARRANGEMENT SUCCESSFULLY TREATED WITH UVB NARROWBAND.**

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**Background:** Lymphomatoid papulosis (LyP) is part of a spectrum of CD30-positive cutaneous lymphoproliferative diseases including lymphomatoid papulosis, Anaplastic Large-Cell Lymphoma, and borderline CD30+ lesions.

The disease is characterized by recurrent crops of pruritic papules at different stages of development that predominantly arise on the trunk and limbs.

In some patients, lesions of LyP are localized to just one area of the body (regional lymphomatoid papulosis).

**Observation:** A 38 -year-old man visited for the gradual onset of few red-violet papules with herpetiform arrangement, in left lumbar region. The papules were non-pruritic. The lesions, appeared in August 2018, did not respond to topical steroid therapy.

A skin biopsy was performed; it showed dermal infiltrate of lymphomonocytoid cells including large cells with atypical nuclei and mitoses, Immunostainings revealed positivity for CD30, In addition granulocytes, especially eosinophils were intermingled. These findings were consistent with the histopathological diagnosis of LyP.

No associated disease was found. Hematologic laboratory and routine biochemistry workup showed no sign for systemic malignancy nor other systemic diseases, no atypical cells were found in the peripheral blood.

Narrowband UVB phototherapy induced a sustained partial regression of the lesions.

The patient is currently in follow-up at our department.

**Key message:** LyP can affect large parts of the body or present itself with few lesions, so this diagnosis is also taken into consideration even in the presence of few localized clinical lesions.

The treatment is not standardized, but narrowband UVB phototherapy has been a satisfactory choice for our patient's therapy.

A long follow-up for these patients with LyP is always required for the risk of developing systemic lymphoma.

