

images in clinical medicine

Acrospiroma of the left temporal region

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An eighty-year-old patient was operated on for the tumour in the left temporal region. Surgery was performed at the University Department of Plastic Surgery and Burns of the University Medical Centre Ljubljana in December 2006. Before surgery, the

tumour measured 6 x 4 cm. Histological examination of the excised tumour tissue confirmed acrospiroma (porocarcinoma).

The fine needle biopsy performed in April 2007 confirmed local recurrence of the disease (Figure 1).



Figure 1. Local recurrence of the acrospiroma.



Figure 2. The tumour completely regressed after radiotherapy.

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Figure 3. Metastasis in the parotid gland.

At that time, US examination of the neck did not detect any metastases. The skin lobe covering the section of the excised tumour and of the recurrence was irradiated by orthovoltage machine with a dose equivalent of 70 Gy. The tumour completely regressed (Figure 2).

The fine needle biopsy performed in September 2007 detected a metastasis in the parotid gland (Figure 3). The patient was treated by telecobalt and electrons with a total dose equivalent of 70 Gy.

Nine months after the completed radiotherapy, the patient's status was no evidence of disease (NED.), locally and regionally (Figure 4). At the last follow-up control 10 months after the completed radiotherapy, the patient again presented with NED.



Figure 4. Nine months after the completed radiotherapy there was no evidence of disease.