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Surgical treatment of the liposarcoma: a single centre experience

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Liposarcomas are rare and diversify from well-differentiated to myxoid and dedifferentiated liposarcoma. We retrospectively reviewed all patients with a liposarcoma out of the Vienna Bone and Soft Tissue Tumour Registry from 1970 to 2010. One hundred and fifty two cases were identified. For 110 patients complete clinical data and follow up were available. Of these 110 entities, 33 were graded as G1, 40 as G2, 28 as G3 and 9 other. The mean age at surgical treatment was 51,8 (range 19-77) years. Twenty three (20,1%) patients died after a mean follow up period of 3,6 (range 0,07 to 13,3) years. Sixteen patients developed metastasis (9 lung, 2 liver, 5 other). When death was considered to be the endpoint, the cumulative probability of ten year survival was 76,3%. The wide range in the survival analysis is expression of the subdifferentiation with different prognoses and requirement of different therapeutic strategies. Prognostic factors have to be identified in further studies.

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