

# **Ten-year results of high-energy extracorporeal shock wave therapy (electro-hydraulic) of tendinosis calcarea of the shoulder**

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## **Device and producing company:**

none

## **Introduction:**

In 1996 and 1997 we treated 76 patients with 84 cases of tendinosis calcarea of the shoulder. Each case followed the same procedure, combining a CT scan with exact detection of the calcification including the necessary rotation of the arm and treatment with ESWT directly after. This study was made to evaluate the percentage of re-calcification (which was found in 5% of the cases) and the need for operative treatment like arthroscopy of the shoulder within 1 year after ESWT (which was performed on only 4 patients). Full resorption of the calcification was found in nearly 90% of all treated shoulders. In conclusion, we think electro-hydraulic high-energy extracorporeal shock wave therapy is a highly reliable treatment in patients with tendinosis calcarea of the shoulder.