

ESWT For AVN of The Femoral Head-5-Years Results

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Between the years 1995 and 2002 67 femoral head necroses have been treated by electrohydraulically generated shock waves. Most of them have been rated irreversible necroses through their ARCO stadium > 2. Aims of treatment have been painless weight bearing and survival of the genuine hip joint for 5 years or more.

The 5 year survivorship of the genuine joint rates more than 90 percent all over, recovery of every day weight bearing could be observed in over 95% of the patients. Early progressive changes had been observed in 5 hips, repetitive treatment could stop progression in three hips.

Functional improvement had been measured by a VAS-Score questionnaire and presented an average improvement of 5 points in a 11 parts VAS-Scale (range 0-10).

Improvement of function of hip joints in all ARCO stadiums will be presented according to the image controls and the morphological changes.