

Using Ultrasound Scanner to Monitor the Implementation of Interventional Laser Obliteration of the Cyst Baker and Assess its Immediate Results

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Abstract

The study, which included 34 patients with Baker cyst, detected during ultrasound scanning in the knee joint. The main objective of this work was to evaluate the possibility of using ultrasound during interventional laser coagulation of the cyst popliteal region and the definition of representative sonographic signs of changes after the procedure. Method of treatment was to laser irradiation of synovial education through the light, held inside the cavity by means of the puncture needle. Carried sonographic control of the process and puncture coagulation session ends in the formation of hyperechoic band at the site of Baker cysts. Markers for dynamic observations were: heterogeneity content cyst wall thickening of cavity formation and reduction of intraluminal fluid. Revealed that three months after the procedure to visualize the brush area was not possible due to its izoehogennoe relative to the surrounding tissue.

Key words: Baker Cyst, Laser Obliteration, Sonographic Control.

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