

ASEPTIK NEKROSIS OF FEMORAL HEAD RADIACION DIAGNOSTICS

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Relevance of the study

Aseptic necrosis of the femoral head is a medical problem of social importance. The reason for this is that this pathology mainly affects people of working age. If the diagnosis is not detected in time or is insufficient, it leads to disability and a decrease in the quality of life.

The purpose of the study. Analysis of data from a comprehensive radiological examination of patients with aseptic osteonecrosis of the femoral head.

Materials and methods. Patient A., 38 years old, complains of constant pain in the right hip joint, partial lameness on the same side, and a slight limitation of movement in the right hip joint. Multi-spiral computed tomography (MSKTSiemens Somatom Emotion 6, 32S) and magnetic resonance imaging (MRI, Philips Intera 1.5T) was conducted.

Results. After multi-spiral computed tomography and magnetic resonance imaging, a definite diagnosis was made - aseptic necrosis of the right femoral head II degree. The patient was sent to the hospital for conservative treatment to plan further treatment.

The next patient, A., 36 years old, complains of constant pain in both hip joints, lameness in both legs, difficulty walking, complete limitation of movement in both hip joints. Multi-spiral computed tomography (MSKTSiemens Somatom Emotion 6, 32S) and magnetic resonance imaging (MRI, Philips Intera 1.5T) was conducted.

Results. After multi-spiral computed tomography and magnetic resonance imaging, a clear diagnosis was made - aseptic necrosis of both femur heads III-IV level. The patient was sent to the hospital for operative treatment to plan further treatment.

Summary. Multi-spiral computer tomography and magnetic resonance tomography, which are high-tech and highly informative methods, allow us to determine the localization, size, period and boundaries of pathological changes in aseptic necrosis of the femoral head in a timely manner and at the earliest stages. A timely diagnosis will determine what treatment should be used.

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