

## Imaging of Ballet Artists' Hip Joint Pathology (Literature Review)

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### Abstract

Hip joint plays an important role in performing of various ballet movements and the amplitude of movements in him is much higher than in people of other professions, which affects his physiological state. Dancers often complain of pain in the hip joint, medical imaging are used in the diagnosis of the causes of which. The role of high-tech methods of medical imaging, including magnetic resonance imaging and computed tomography, is becoming more significant in the diagnosis of hip joint pathology in ballet dancers, while standard radiography remains the first-line technique. This review highlights the most common pathological conditions of hip joints among the ballet dancers.

**Key words:** Radiography, Computed Tomography, Magnetic Resonance Imaging, Ultrasound, Ballet Artist, Hip Joint Pathology.

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