

## **Interventional Ultrasound in Trauma and Orthopedics: the Story Progress (Literature Review)**

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### **Abstract**

In this article, we highlight the most interesting stages in the development of ultrasound diagnosis in trauma and orthopedics of the first to use the time-of R. Graf (1981) to the latest innovative techniques such as CAOS (Computer Assisted Orthopedic Surgery). Currently, there are a number of papers on the use of ultrasound in the diagnosis of dysplasia of the hip joints, tendon injuries and various fractures, osteomyelitis and foreign bodies. But in addition to the diagnosis, it should be noted the use of ultrasound in the perioperative period for trauma and orthopedic patients. High safety and quality polypositional visualization, with simultaneous assessment of how the vascular component and peripheral nerves contributes to the wider application of ultrasound in acute trauma surgery and orthopedics.

**Key words:** Ultrasound Diagnostics, Intraoperative Ultrasound, Trauma.

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