

# The Employment of E.S.W.T. in Avascular Necrosis in Growing Patients

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The presence of fertile cartilage nearby the treating area is commonly considered an absolute contraindication to the use of E.S.W.T. because of the possibility of inducing an asymmetric stimulation of the growing cartilage with a consequent angular deviation during limb growing phase. Instead the authors retain such contraindication just a relative one as several factors play a role, like the energy level and the number shots, the focus size and its relative stability, the absolute immobility of target limb, the complete absence of pain, the specific pathology for which treatment is demanded, etc.

Paying attention to such aspects, the authors have retained to use E.S.W.T. in treating osteonecrosis of several nature in growing patients.

They review their casuistry discussing the pathologic and natural prognostic meaning as well as the method and the results in a follow-up from 4 to 7 years.