Ultrasonic Appearance of Rhabdomyolysis in a Child (Clinical Observation)

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Abstract

Rhabdomyolysis is a syndrome of skeletal muscle cell damage that leads to the release of potentially toxic muscle cell components into the systemic circulation. This disorder may result in potential life-threatening complications such as acute myoglobinuric renal failure, hyperkalemia and cardiac arrest, disseminated intravascular coagulation. We report a case of a 15-year-old male suffering from rhabdomyolysis caused by virus. Sonography revealed hyperechoic areas within the multiple muscles examined, consistent with a recent injury. The volume of the striated muscle increased; the fascia wrapping the muscle showed arched protrusions. The results of the echographic study and the short review of the literatureis present.

Key words: Ultrasonography, Children, Rhabdomyolysis.

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