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## ACHILLES TENDON RUPTURE IN PATIENT WITH OBESITY

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**Purpose:** The objective of the present study is to use a Clinical case to examine the association between obesity and rupture of the Achilles tendon. **Methods:** Review of clinical cases. A 56-year-old patient with obesity (BMI 35) presented with pain and functional impotence in the right lower extremity, after acute pain in the ankle when climbing a step 10 days ago. The patient has been walking on crutches since then. Physical examination: sign of the ax positive, sign of Thompson positive, pain in the palpation of the Achilles tendon, hematoma of the ankle in resolution, with pain in the palpation of malleoli, sign of Homman positive. Normal distal neurovascular exploration, X-ray: there is currently no acute bone disease. Ultrasound of the Achilles tendon of the right leg. There is significant thickening and hypoechogenicity of the tendon, in relation to tendinopathy, with a tendon that reaches a transverse diameter of 14.2 mm and an anteroposterior diameter of 10 mm. A linear echogenic image suggestive of Calcification of the tendon, approximately 7mm. In the tendon, at the level of the middle third of the leg, some more hypoechoic areas that could correspond to breaks within the substance are observed. Before the current clinic, treatment with immobilization with equine splint and revision in a week. **Results:** Achilles Tendon Rupture in patient with Obesity. **Conclusions:** Tendons are weakened in the obese. Obesity is a risk factor for rupture of the Achilles tendon. The patient presented tear of the Achilles tendon when climbing a step.



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