Surgical treatment, if required, involves radical excision and reconstruction(3,5).

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Three different CT imaging patterns have been reported in FD(2,4): ground-glass (the most common and characteristic); sclerotic; and lytic. MRI is used for diagnostic purposes or to show relationships with the adjacent anatomical structures. On T1- and T2-weighted images, the lesion is sharply margined and hypointense. However, the diagnostic efficacy of MRI decreases when the signal is hyperintense on T2-weighted images in particular(5).

Lysis developing in the area of an FD lesion, calcified foci, a periosteal reaction contiguous to the lesion, a cortical defect, and a soft-tissue mass observed at radiology indicate malignant transformation. In monostotic FD, malignant transformation is more common in individuals with craniofacial involvement than in those with involvement of other bones. The most common malignant transformation of FD is to osteosarcoma(4). In the case presented here, homogeneous ground-glass opacity, which is typical of FD, was seen on CT. The preliminary diagnosis of FD, based on the radiological findings, was confirmed by histopathology.

In patients with FD, small, asymptomatic lesions not causing any cosmetic deformity can be monitored. Patients in pain can be treated with bisphosphonates, vitamin B, or calcitonin(3).

Disseminated intramuscular cysticercosis diagnosed incidentally in a patient with joint pain

Dear Editor,

A 43-year-old male resident of a rural area presented with a two-month history of pain in his right leg, predominantly in the hip region, the pain having progressively increased in intensity. Physical examination showed mild pain during active and passive movement of the limb. Laboratory tests showed no significant changes, except for a slightly elevated erythrocyte sedimentation rate. A plain X-ray demonstrated multiple radiopaque rhiroid images, distributed throughout various muscle planes (Figures 1A and 1B). Computed tomography revealed numerous calcifications in the muscle groups of both legs (Figures 1C and 1D). The diagnostic hypothesis was muscular cysticercosis. Pathological analysis of a muscle tissue sample confirmed that diagnosis. The patient was started on a 30-day course of albendazole and prednisone, which resulted in improvement of all of the signs and symptoms.

Diseases caused by uncommon infectious agents have recently been described in the radiology literature of Brazil(1–4). Taeniasis and cysticercosis are two distinct entities. Although cestodes of the same genus are responsible for both diseases, the stage of the cestode at infection differs between the two. Taeniasis is caused by the adult forms of Taenia solium or Taenia saginata infesting the small intestine of its definitive host, human beings. However, cysticercosis is caused by the larval form of tapeworms infesting the tissues of its intermediate hosts (pigs and cows). In human cysticercosis, humans are categorized as accidental intermediate hosts(5). The eggs enter the human intestine by fecal–oral contamination, by autoinfection, or by ingestion of contaminated food or water(6). Eggs develop into...
larvae that spread throughout the intestinal wall and are disseminated through the bloodstream to the brain, muscles, subcutaneous tissues, or other organs\(^5\).

Cysticercosis is endemic in many parts of the world, particularly in Latin America, Africa, and Asia. However, a trend toward gradual growth is observed in developed countries, due to the increase in travel and immigration\(^7,8\). The preferred sites of infestation are the central nervous system, in 70–80% of cases; the eye, in 18–20% of cases; the skin, in 10–12% of cases; and the musculature, in 5–6% of cases. Infestation of the musculature does not result in specific clinical symptoms or signs. In most cases, the symptoms are mild. Muscle pains and weakness can occur, as can lower limb paresis and hydrarthrosis of the knee. Significantly altered muscle function, with evident changes on physical examination, is rare. The muscular form of cysticercosis has been identified as an incidental finding on radiological examinations that focus on the soft tissues and demonstrate the characteristic calcifications\(^9\).

The treatment of intramuscular cysticercosis depends on the presence of symptoms, especially on whether there is pain or a local inflammatory process. Treatment modalities include the use of anthelmintics such as albendazole and praziquantel (in patients with viable cysts), the use of corticosteroids or other agents to suppress or prevent the immune response of the host, and surgical intervention in selected cases\(^10,11\).

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