Abstract

Leg cramps are a common condition for which the treatment of reference, quinine, can cause frequent and potentially serious side effects. Here, we describe a series of observations related to the disappearance or improvement of night-time leg cramps during treatment with trimetazidine used for other therapeutic purposes. Starting from the hypothesis of trimetazidine treatment possibly having a beneficial effect on nocturnal muscle cramps, a literature search was carried out but with no significant results. Patients in treatment with trimetazidine referring to presenting or having presented episodes of cramps were identified. These corresponded to a total of 7 patients in whom 6 referred to a frank improvement of the muscle cramps from the beginning of treatment with trimetazidine, mainly in relation to the intensity and frequency of the cramps. The observed effects suggest a beneficial effect of trimetazidine on muscle cramps and, therefore, its potential therapeutic use for this indication.

Keywords

Muscle Cramp, Lower Extremity, Trimetazidine.