

The main purpose of my study is to sum up the function of iliopsoas muscle in terms of present literary sources. The function is analyzed especially in course of the most frequent and common human activities, and also in the other activities typical for this muscle. That is why I try to analyze its activation during upright standing, walking, running and the other movements. I separately focus on the effect of psoas muscle activity to the lumbar spine, and then I mention kinesiological relationships of lumbar spine, pelvis and thigh-bones. I use these analyses for considerations about functional disorders of iliopsoas muscle, so that I suggest possibility of using these analyses in practice.