TITLE

Synergistic admixtures of Gabapentin and Ketoprofen, pharmaceutical compositions and their medical use

DESCRIPTION

The present invention relates to a synergistic admixture of Gabapentin and Ketoprofen, preferably Ketoprofen Lysine, to a pharmaceutical composition comprising said admixture and to the use of said admixture or pharmaceutical composition in the treatment of acute or chronic pain, in particular in the treatment of neuropathic or inflammatory pain.

BACKGROUND ART

Pain is a sensory and emotional experience usually arising from actual or potential tissue damage.

Pain conditions can be divided in acute and chronic.

Acute pain is a pain that lasts for a short period of time, typically less than 3 months, and is commonly associated with tissue injury, inflammation, a surgical procedure, childbirth, or a brief disease process.

Chronic pain has been recognized as a pain that persists past normal healing time and hence lacks the acute warning function of physiological nociception. Usually pain is classified as chronic when it lasts or recurs for more than 3 months.

Chronic pain may have different etiologies and includes neuropathic pain, chronic inflammatory pain, for example arthritis, or pain of unknown origin, as fibromyalgia and restless leg syndrome.

Chronic neuropathic pain is caused by a lesion or disease of the somatosensory nervous system that provides information about the body including skin, musculoskeletal, and visceral organs. A number of diseases or pathological conditions can cause a damage to the sensory neurons resulting in hyperalgesia or allodynia, such for example in lower back pain, sciatalgia, post-operative pain, cancer pain, phantom limb pain, HIV pain, diabetic neuropathy pain, Herpes Zoster pain or trigeminal neuralgia.

Chronic inflammatory pain is associated to strong inflammation of infectious, autoimmune or metabolic etiology, such as rheumatoid arthritis, and by structural changes affecting bones, joints, tendons, or muscles, such as osteoarthrosis.