IMPLICATIONS: In a randomized, placebo-controlled, double-blinded trial with 12 healthy volunteers, we studied the interaction of morphine and gabapentin using the cold pressor test. The anticonvulsant gabapentin enhanced the acute analgesic effect of morphine. Furthermore, the plasma concentration of gabapentin was increased when morphine was administered concomitantly. Therefore, the well tolerated combination of gabapentin and morphine may improve pain therapy, especially in pain states, like chronic and neuropathic pain, which respond poorly to opioids.

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