

# Influence of anti-inflammatory drugs on the electroencephalographic effect of morphine in rabbits

Paeile,

Guivernau,

Mñoz,

The influence of sodium salicylate, di-pyrone and indomethacin on the electroencephalographic effect of morphine was quantitatively studied in rabbits bearing chronically implanted electrodes. Salicylate alone produced a stimulant EEG effect, while dipyrone and indomethacin did not significantly influence the basic EEG values. Salicylate and indomethacin significantly reduced the EEG depression of morphine, this effect being more marked against the highest dose of morphine used, while the influence of dipyrone was only mild and nonsignificant. These results are compared with previous work on the influence of anti-inflammatory drugs on morphine-induced analgesia, which appears to be unrelated with the electroencephalographic effects and possibly mediated by different independent mechanisms. © 1974 S. Karger AG, Basel.