

HYPNOTIC ANALGESIA: EEG CHANGES DURING
COLD PRESSOR PAIN AS MODERATED BY HYP-
NOTIC SUSCEPTIBILITY LEVEL

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This study investigated EEG pattern changes that accompany the elimination of perceived pain with hypnotically suggested analgesia to cold pressor pain. Chen et al. (1981) reported hemispheric shifts during hypnotic analgesia in dental surgery. Subjects were stringently screened low and high hypnotizables. Highs experienced no pain during analgesia dips. Monopolar recording was at F3, F4, T3, T4, P3, P4, O1, O2 with references to earlobes. Waking and hypnosis conditions were counterbalanced. EEG recordings of 32 s were done during rest, and 60 s cold pressor dips (1° C) with and without suggested analgesia. Spectral analyses between 0.7 and 42 Hz were performed.

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