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EEG changes were recorded in 19 SK&P practitioners outside the practice of SK&P and compared with the EEG patterns of 16 controls (doctors and medical researchers who did not practice SK&P, yoga or meditation). No significant differences were found on the BAER or P300 latency measures .Significant increases in beta activity were observed in the left frontal, parieto-occipital and midline regions of the brain in the SK&P practitioners, as compared to controls. These results are interpreted by neurologists as indicative of increased mental focus/heightened awareness. It is striking to note that SK&P practitioners displayed significantly greater mental alertness (beta activity) than the control group of physicians and medical researchers, whose profession requires development and daily use of these very skills.