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# Brain Tumors

## Tumeurs cérébrales : évaluation de l'acupuncture

### 1. Systematic Reviews and Meta-Analysis

☆☆☆	Evidence for effectiveness and a specific effect of acupuncture
☆☆	Evidence for effectiveness of acupuncture
☆	Limited evidence for effectiveness of acupuncture
∅	No evidence or insufficient evidence

#### 1.1. Pan-Weisz 2019 ☆

Pan-Weisz TM, Kryza-Lacombe M, Burkeen J, Hattangadi-Gluth J, Malcarne VL, McDonald CR. Patient-reported health-related quality of life outcomes in supportive-care interventions for adults with brain tumors: A systematic review. *Psychooncology*. 2019;28(1):11-21. [203515]. [DOI](#)

<b>Objectives</b>	The objectives of this systematic review were to (a) identify supportive-care (psychosocial/behavioral, pharmacological, complementary, or alternative) interventions that have been evaluated via randomized controlled trials (RCTs) to improve patient-reported health-related quality of life (HRQoL) among adults with brain tumors, (b) evaluate the quality of the intervention studies, and © evaluate if developed interventions have been efficacious at improving HRQoL, as compared with control conditions in RCTs.
<b>Methods</b>	This systematic review was conducted using preferred reporting items for systematic reviews and meta-analyses (PRISMA) guidelines. Four databases were searched for RCTs of supportive-care interventions for adults with brain tumors, primary or metastatic, that included a patient-reported HRQoL outcome. Quality of the included studies was assessed using the Effective Public Health Practice Project Quality Assessment Tool for Quantitative Studies.
<b>Results</b>	Ten RCTs involving 640 patients with either a primary or metastatic brain tumor investigating supportive-care interventions with a HRQoL outcome were identified. In terms of quality, three of the studies received a “strong” rating, three received a “moderate” rating, and four of the studies received a “weak” rating. Only two of the interventions (ie, a home-based psychosocial intervention and <b>individualized acupuncture</b> with standard rehabilitation) demonstrated improvements in HRQoL over control conditions.
<b>Conclusions</b>	HRQoL is of the utmost importance when treating patients with brain tumors. Yet there is a notable paucity of research to inform clinical decisions and evidence-based practice. More high-quality studies of interventions aimed at improving HRQoL are needed.

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