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Data Synthesis: The JPS was assessed in 3 joints: ankle (n = 2), knee (n = 3), and shoulder (n = 2). The average effect size for the 7 included studies was modest, with effect sizes ranging from -0.08 to 1.17, with a positive number representing an increase in JPS error. The average methodologic score of the included studies was 5.4/10 (range, 5–6) on the Physiotherapy Evidence Database scale.

Conclusions: Limited and equivocal evidence is available to address the effect of cryotherapy on proprioception in the form of JPS. Until further evidence is provided, clinicians should be cautious when returning individuals to tasks requiring components of proprioceptive input immediately after a cryotherapy treatment.

Keywords: cryotherapy, somatosensory system, proprioception, therapeutic modalities

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