

Appendix 3: Overview of study findings

Study	Results summary
Allred et al. 2010	<p>No difference in mean VAS pain score between intervention and control at any time points ($p=.337$).</p> <p>T1 (20 minutes before first physical therapy session) Intervention: 52.4 (SD 25.2) Control group: 46.4 (SD 25.7)</p> <p>T2 (just before physical therapy) Intervention: 36.5 (SD 23.8) Control group: 36.2 (SD 26.9)</p> <p>T3 (immediately after physical therapy) Intervention: 44.5 (SD 28.2) Control group: 48.0 (SD 27.7)</p> <p>T4 (20 minutes after physical therapy) Intervention: 41.2 (SD 25.8) Control group: 45.1 (SD 31.2)</p>
Cai et al. 2018	<p>Between group effect improvement for mean pain NRS ($F 9.089$, $p=0.003$).</p> <p>4 weeks Intervention: 6.23 (SD 1.03) Control: 6.52 (SD 0.77)</p> <p>6 months Intervention: 5.63 (SD 0.73) Control: 6.27 (SD 0.86)</p>
Chen et al. 2015	<p>No difference in VAS pain score between intervention and control ($p=.29$).</p> <p>Intervention: 3.22 (SE 0.22) Control: 3.00 (SE 0.25)</p>

das Nair	<p>Feasibility study. No difference in mean pain scores at 4 or 6 month follow-up ($p=0.40$)</p> <p>6 months Intervention: 7.5 (SD 2.3) Control: 6.5 (SD 3.6)</p>
Jacobson et al. 2016	<p>No statistical comparisons of mean WOMAC pain scores between intervention and control group.</p> <p>Day of surgery: Intervention: 7.8 (SD 3.1) Control: 8.2 (SD 3.8)</p> <p>3 weeks post-operative: Intervention: 6.9 (SD 2.8) Control: 7.1 (SD 2.9)</p> <p>6 months post-operative: Intervention: 2.7 (SD 3.1) Control: 3.5 (SD 3.3)</p>
Finlay et al. 2016	<p>No differences in NRS or VRS pain score between intervention and control group (no results provided).</p>
Lee et al. 2019	<p>No difference in NRS pain scores between intervention and control groups at 72 hours (HYP vs TAU $p=0.188$) or at 6 months (HYP vs TAU $p=0.134$).</p> <p>72 hours Hypnosis: 1.77 (SD 0.83) Minimal treatment effect: 2.23 (SD 0.72) Treatment as usual: 2.59 (SD 1.47)</p> <p>6 months Hypnosis: 1.4 (SD 0.89) Minimal treatment effect: 1.73 (SD 1.40) Treatment as usual: 2.23 (SD 1.41)</p>

Leonard 2019	<p>No difference in NRS pain scores between intervention and control group ($p=0.63$).</p> <p>Time point 1 (2 minutes) Intervention: 4.69 (SD 2.50) Control: 5.91 (SD 2.27)</p> <p>Time point 2 (4 minutes) Intervention: 5.44 (SD 3.20) Control: 5.56 (SD 2.52)</p>
Losina et al. 2016	<p>No differences found in mean WOMAC pain score between intervention and control group.</p> <p>6 months post-operative Intervention: 11 (95% CI 9, 14) Usual care: 11(95% CI 9, 14)</p>
Riddle et al. 2019	<p>No difference in WOMAC pain score between intervention and control groups for treatment ($p=0.60$) or group-by-time interaction ($p=0.73$).</p> <p>2 months Intervention: 6.4 (5.5 to 7.3) Education: 6.1 (5.2 to 7.0) Usual care: 6.1 (5.3 to 7.0)</p> <p>6 months Intervention: 4.1 (3.2 to 4.2) Education: 3.8 (2.9 to 4.7) Usual care: 4.4 (3.6 to 5.3)</p> <p>12 months Intervention: 3.3 (2.5 to 4.2) Education: 3.0 (2.1 to 3.8) Usual care: 2.9 (2.0 to 3.8)</p>

Simock et al. 2008	<p>Intervention group had lower mean VAS pain score at 3 hours ($p=0.01$) and at 24 hours ($p=0.04$).</p> <p>3 hours Intervention: 1.476 (SD 1.39) Control: 3.876 (SD 3.44)</p> <p>24 hours Intervention: 2.416 (SD 1.67) Control: 4.036 (SD 2.89)</p>
Wang et al. 2015	<p>Intervention group showed significantly lower between group effects for CMP elicited NRS pain score ($p<.001$).</p> <p>Day 1 morning Intervention: 0.52 (SD 1.58) Control: 2.03 (SD 1.55)</p> <p>Day 1 afternoon Intervention: 0.61 (SD 1.12) Control: 1.67 (SD 1.29)</p> <p>Day 2 morning Intervention: 0.00 (SD 1.39) Control: 0.55 (SD 1.00)</p> <p>Day 2 afternoon Intervention: 0.00 (SD 1.30) Control: 0.73 (SD 1.23)</p> <p>Day 3 morning Intervention: -0.36 (SD 1.39) Control: 0.48 (SD 0.91)</p>

	Day 3 afternoon Intervention: -0.33 (SD 1.02) Control: 0.61 (SD 0.90)
	Day 4 morning Intervention: -0.55 (SD 1.03) Control: 0.61 (SD 1.00)
	Day 4 afternoon Intervention: -0.61 (SD 1.02) Control: 0.95 (SD 1.25)
	Day 5 morning Intervention: -0.29 (SD 1.01) Control: 0.69 (SD 1.03)
	Day 5 afternoon Intervention: -0.50 (SD 1.07) Control: 0.68 (SD 1.01)