# Pain Reprocessing Therapy: A literature Review

#### Background

Pain Reprocessing Therapy (PRT) offers a fresh perspective on chronic pain management. This therapeutic approach entails guided reassessment of pain sensations in various contexts, coupled with interventions targeting psychosocial factors that could intensify pain perception. Moreover, PRT integrates methods to bolster positive emotions and cultivate selfcompassion (Ashar et al., 2022).

### **Materials and Methods**

This literature review will delve into the current research being performed on the novel field of PRT and compare it to extant mind-body therapies that aim to improve chronic pain. This literature review employed PubMed, Google Scholar, and ScienceDirect databases, utilizing search gueries related to Pain Reprocessing Therapy (PRT) and other established mindbody therapies for pain. Relevant search terms included "Pain reprocessing therapy," "Mind-body pain therapy," "Forms of chronic pain," and "Central sensitization." Only papers published between 2000 and the current year were considered, and only those with full- text availability were included in the review.





Percentage of patients reporting pain scores of 0 or 1 of 10 (ie, pain-free or nearly pain-free) at posttreatment and at 1-year follow-up. PRT indicates pain reprocessing therapy. Ashar et al., 2022



#### Outcomes

The initial randomized control study on Pain Reprocessing Therapy (PRT) demonstrated statistically significant improvement in lower back pain compared to placebo or usual care (Ashar et al., 2022), with pain levels dropping approximately 2.5 points on a 10-point scale. Patients were subjected to 8 one-hour sessions in order to achieve these results, which remained consistent at a 1-year follow-up. However, the study's limitations included a small sample size of only 50 individuals in the control arm and a homogeneous study group.

## Conclusions

Initial findings in the field of PRT suggest significant implications for understanding and treating primary chronic back pain (CBP). Modifying beliefs that induce fear and avoidance regarding the causes and perceived threat of pain holds promise for delivering substantial and enduring pain relief to individuals with primary CBP.

#### **Future Considerations**

Future research in the field of PRT will require enhancements in sample size, generalizability, and inclusion of other forms of chronic pain. Current research with improved generalizability is currently in process with results to come.

### References

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