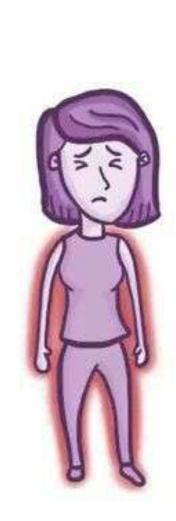


* CHRONIC CONDITION

- * WOMEN > MEN
- * WIDESPREAD MUSCLE PAIN
- No cure
- Affects 2% of the adult population
- 80% of patient on steroids



* EXTREME TENDERNESS * SLEEP

DISTURBANCE

Exercise, relaxation, and stress-reduction therapies may help



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BACKGROUND

Characterised by chronic generalised muscle pain and muscle stiffness, muscle tender points, fatigue. depression, sleep disturbance

OBJECTIVE:

To compare the effects of NovoTHOR® whole-body PBM with placebo PBM on pain, functionality, and psychological symptoms in patients suffering with FM.

METHOD

42 patients, 34 - 64 years old **Triple-blind RCT** 20 minutes supine, minimal or no attire (underwear) 3 times a week for 4 weeks Total 12 treatments

RESULTS: Highly significant



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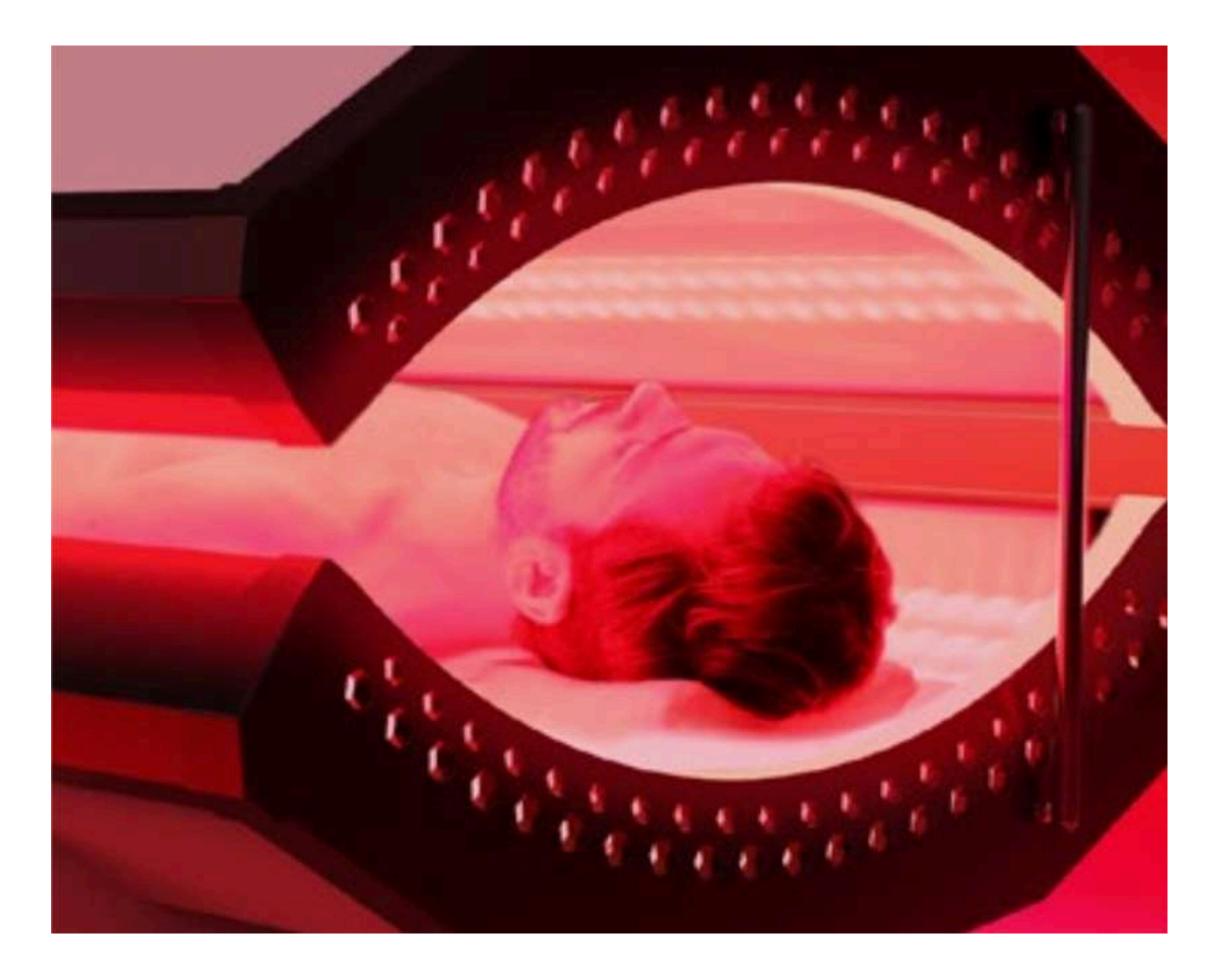
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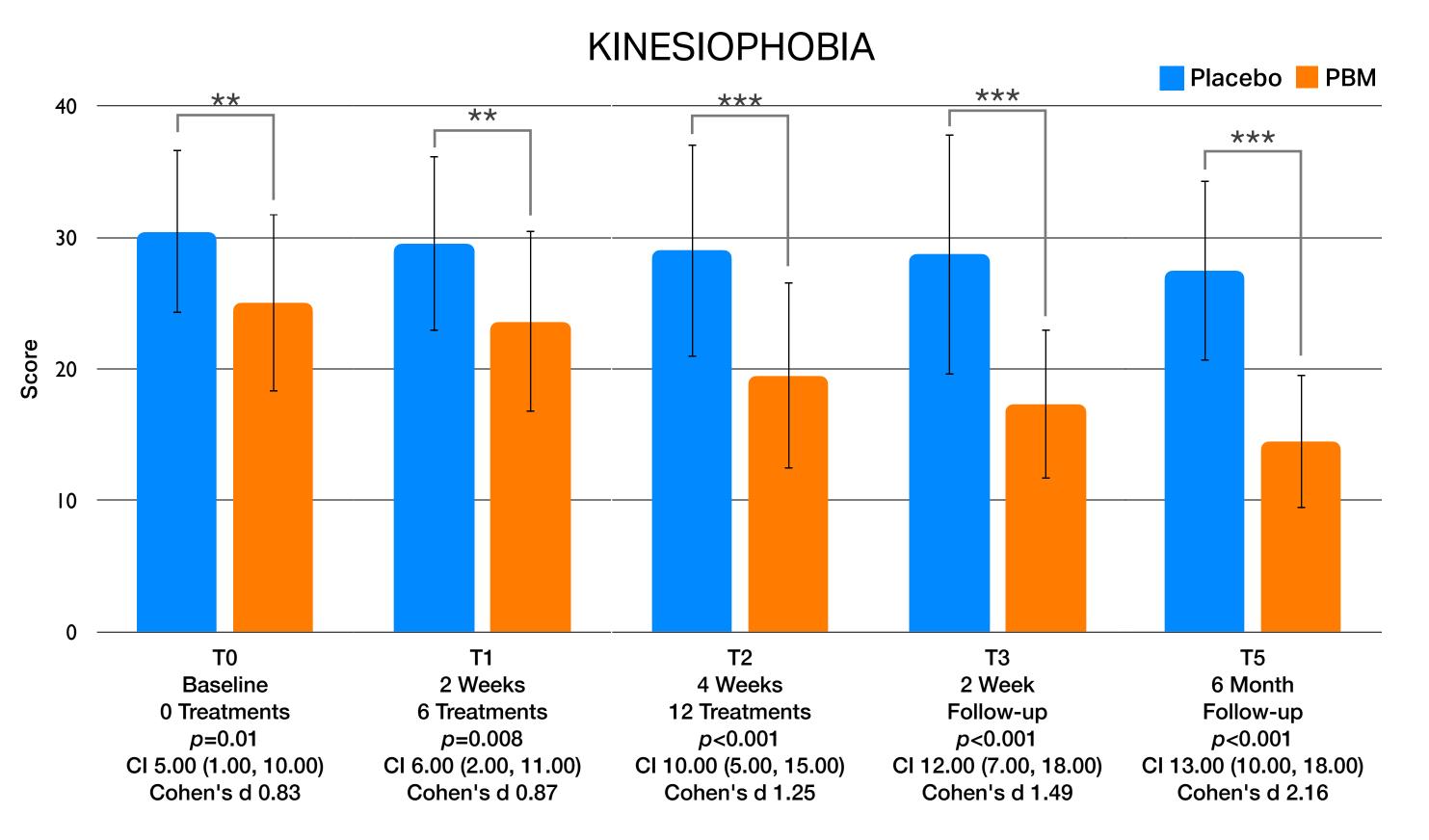
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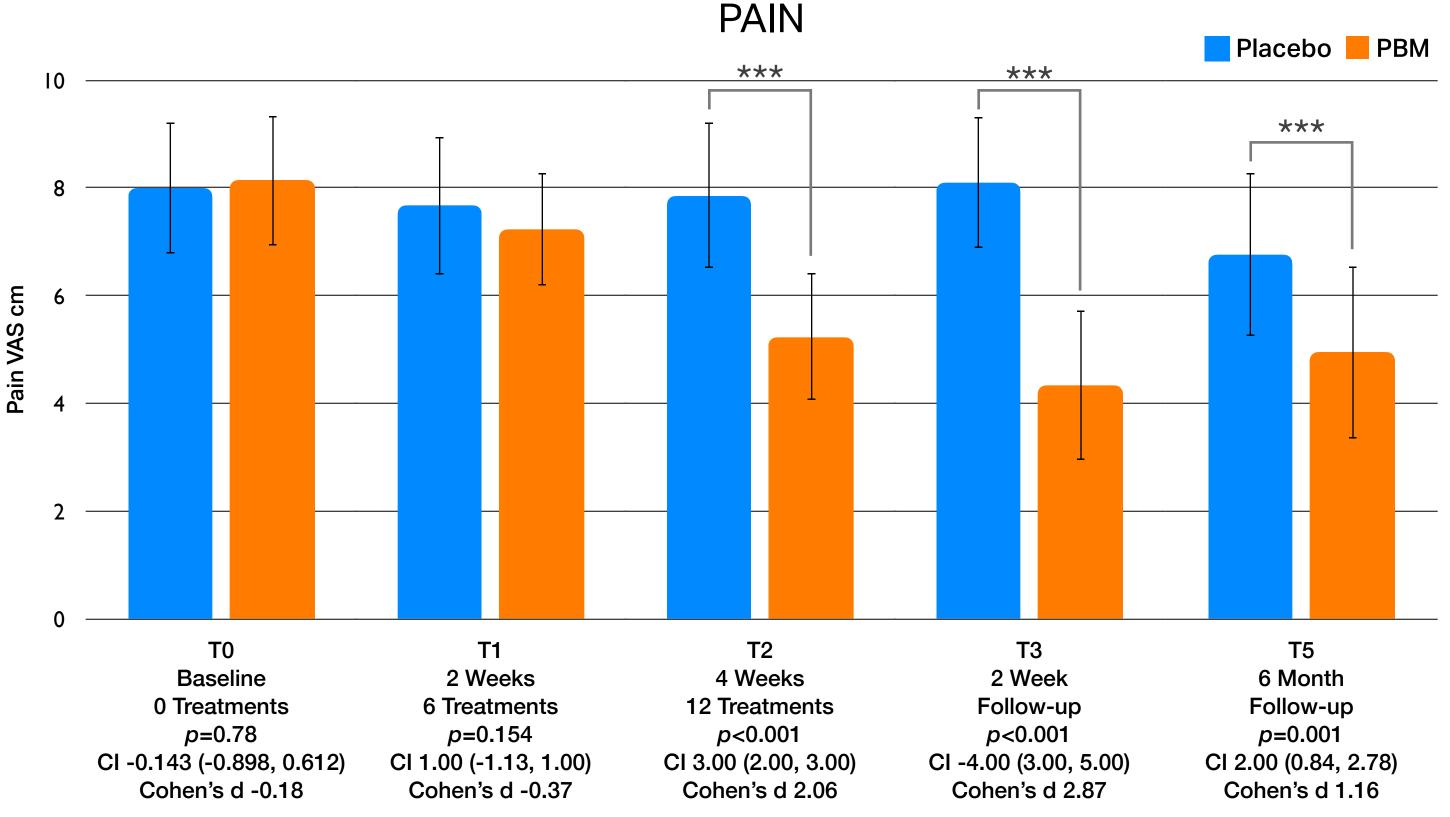
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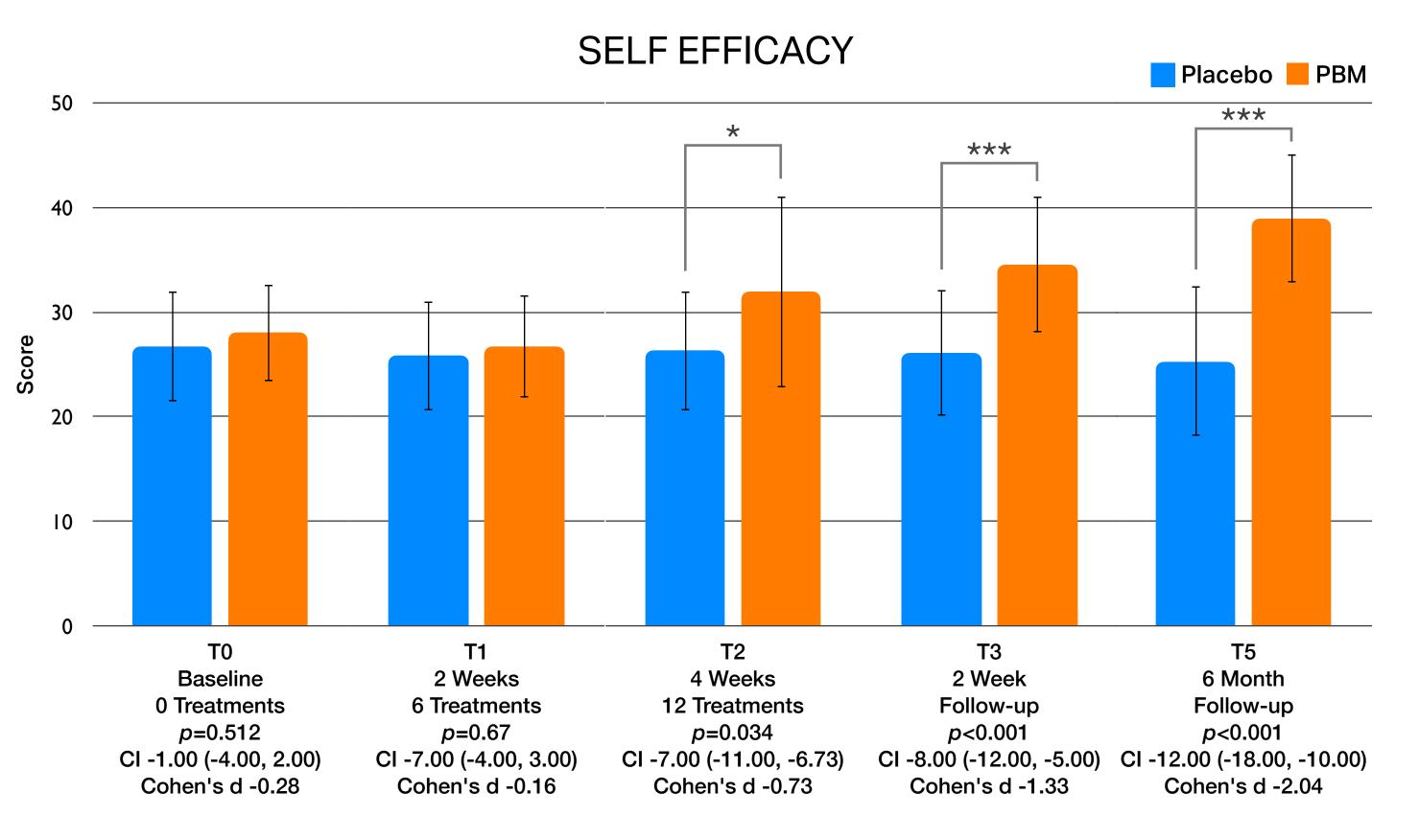
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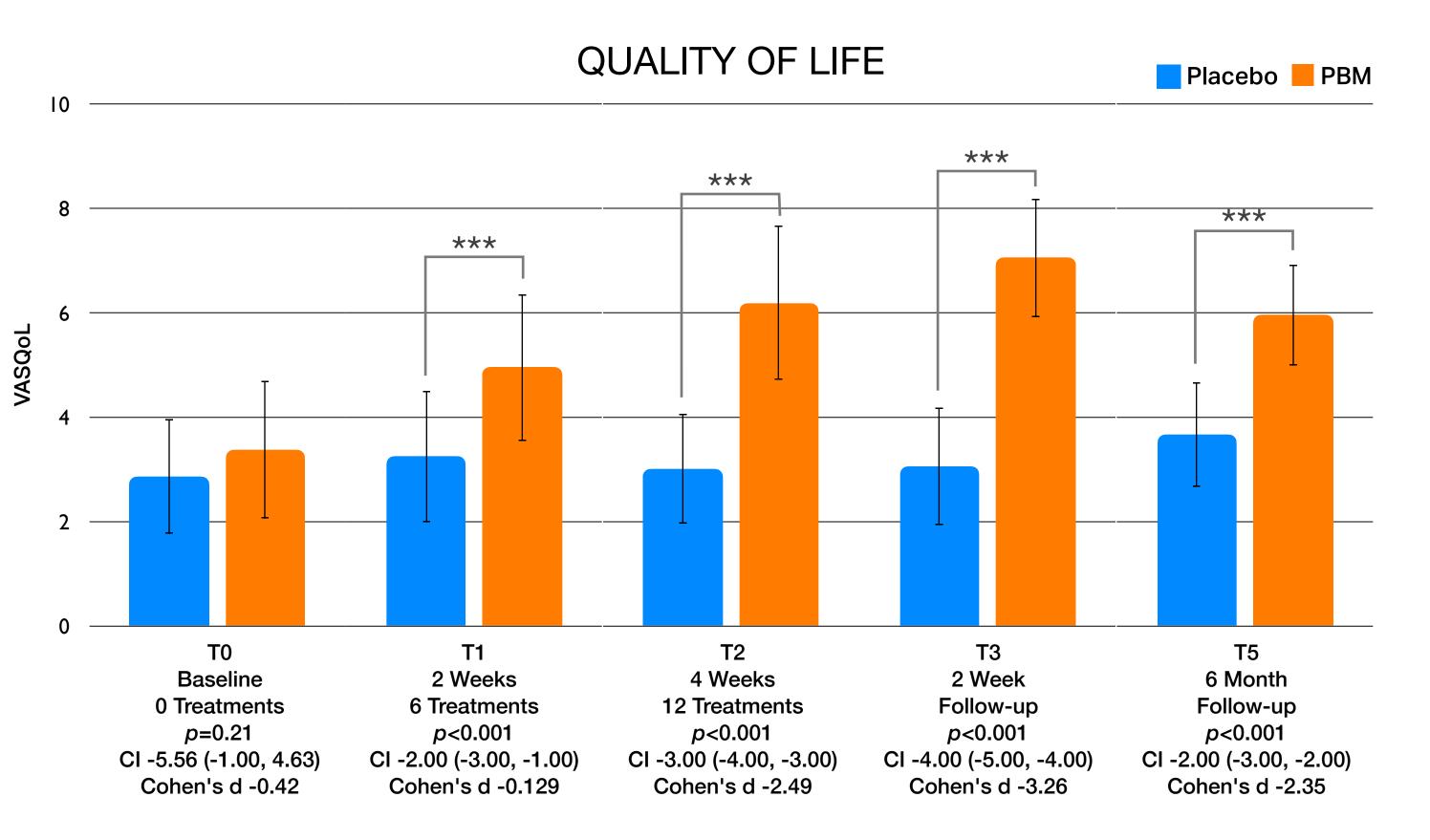
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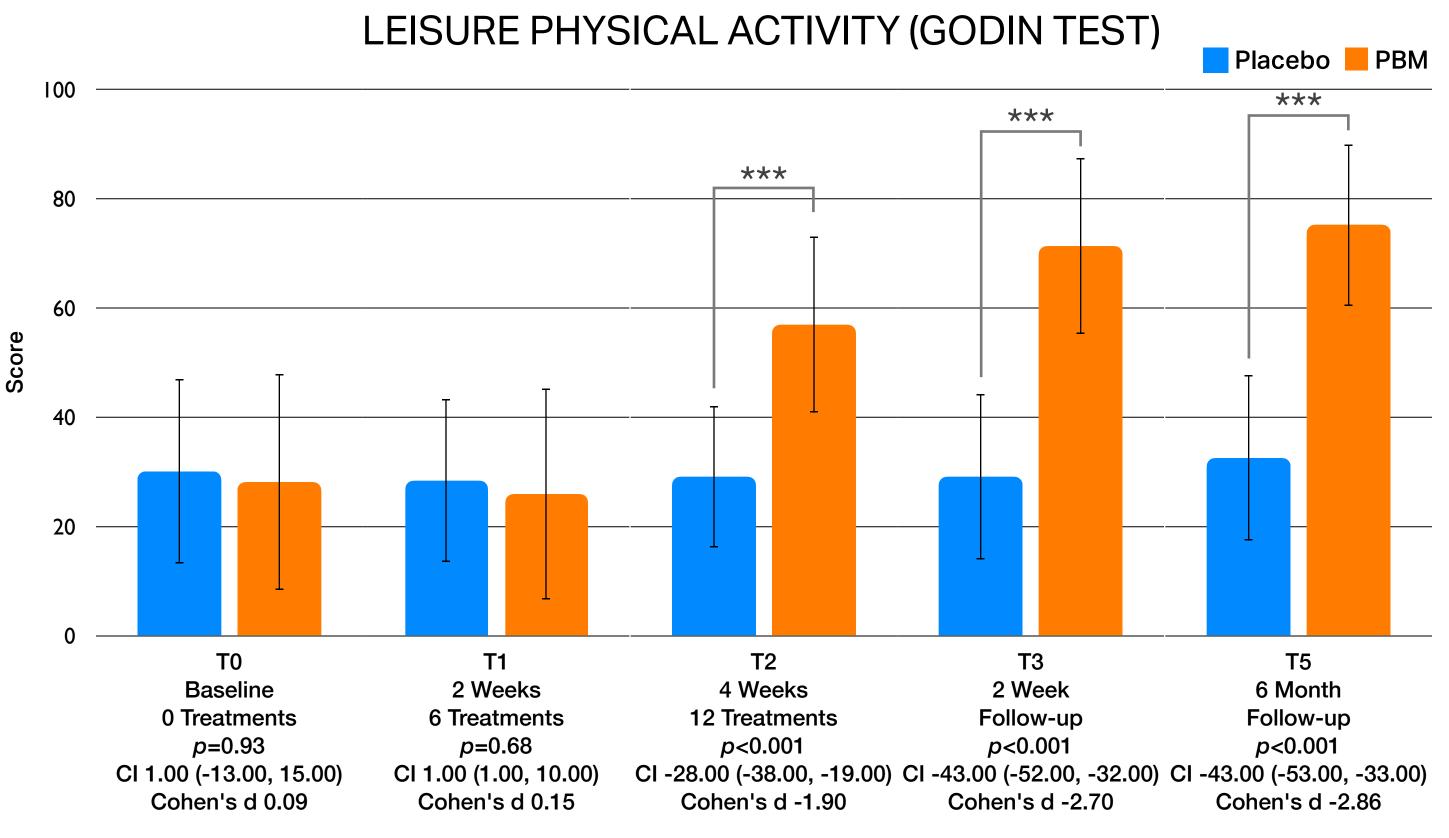
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WHOLE-BODY PHOTOBIOMODULATION TREATMENT OF FIBROMYALGIA A NON-RANDOMISED STUDY.

Dr B.C. Fitzmaurice I, 2, Dr N.R. Heneghan 2, Dr A.T.A. Rayen I, R. L. Grenfell 3, Dr A. Soundy 2 I Department of Pain Management, Sandwell and West Birmingham NHS Trust, Birmingham, UK 2School of Sport, Exercise and Rehabilitation Sciences, University of Birmingham, Birmingham, UK 3Clinical Research Facility, Sandwell and West Birmingham NHS Trust, Birmingham, UK



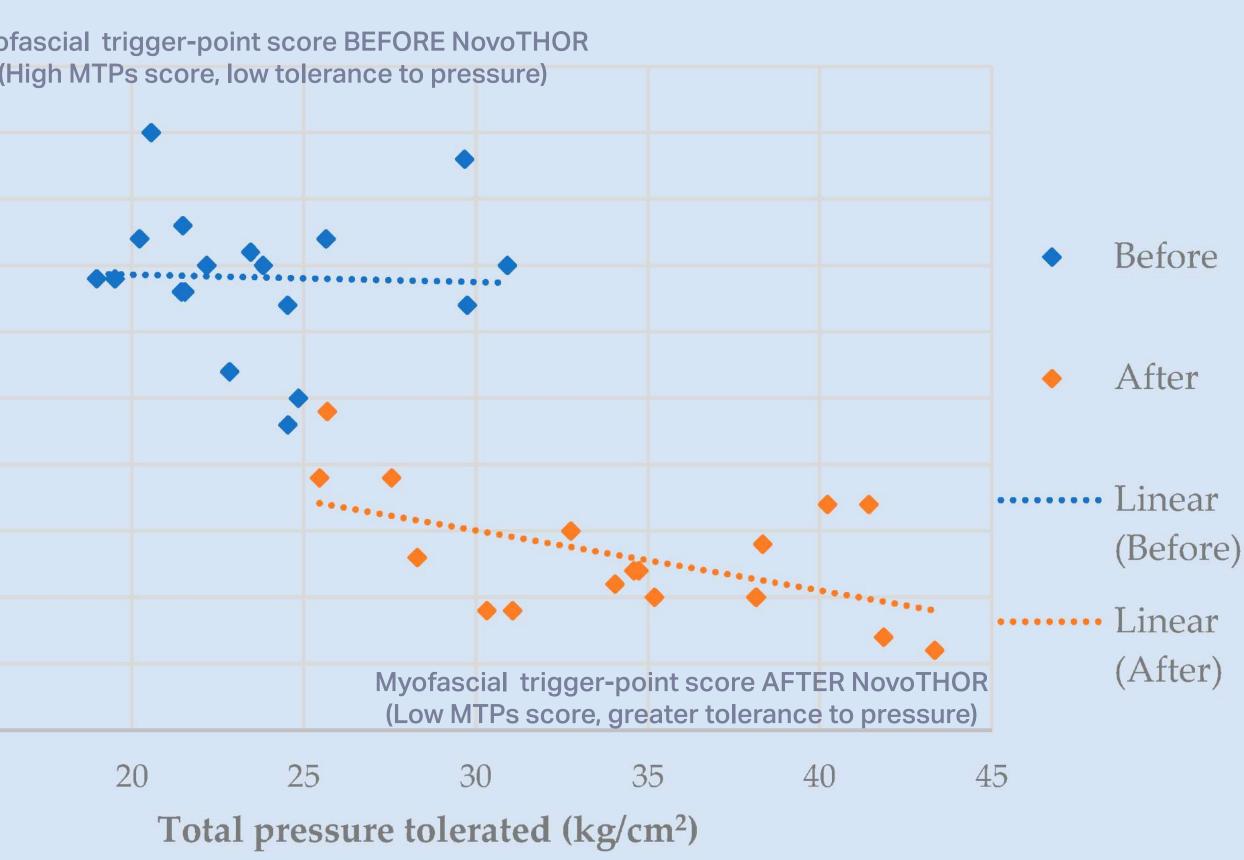




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| | | 130 | Myo (|
|---|-------|-----|----------|
| METHODI9 patients non-randomised study | | 125 | |
| 3 treatments per week for six weeks Total 18 treatments | | 120 | |
| • 6-month follow-up | 0) | 115 | |
| RESULTS | score | 110 | |
| QoL improved significantly both statistically and clinically with this effect continuing at 6 months | PS 6 | 105 | |
| 58% patients reported "moderate" or "substantial improvement 26% reported improvements still ongoing at 24 weeks. | LW | 100 | |
| Global Impression of Change (PGIC) reported as "much improved" or "very much improved." | Total | 95 | |
| Pain reduction was clinically significant. Increased pressure pain threshold across 18 muscle groups | - | 90 | |
| RESULTS | | 85 | |
| There is a clear advantage in the use of whole-body PBMT Participants can self-administer No side effects reported. | | 80 | 15 |
| | | | |

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