Cost of Physical Therapy for Canines: Facts Versus Fluff An Examination of the Efficacy and Cost Efficiency of Physical Therapy

Introduction

Canine Physical Therapy is a growing field with ever improving strides. Despite this, some owners find it difficult to justify taking their pets to Physical Therapy as the results are difficult to observe.

By examining how effective different forms of Physical Therapy are on average, alongside their standard costs, owners can be educated on the best course of action for their pet while also comfortably staying within a budget.

Methodology

Participants who have post-operative physical therapy will be assessed for Range of Motion and Stride Length on a weekly basis. Owners will assess any noticeable changes in their pet's personality such as lethargy or dietary changes. The results will be compared to the cost of therapy, allowing for a calculation of efficacy. Ideally, the pool of participants would be of the same breed, but similar sizes may also be assessed.

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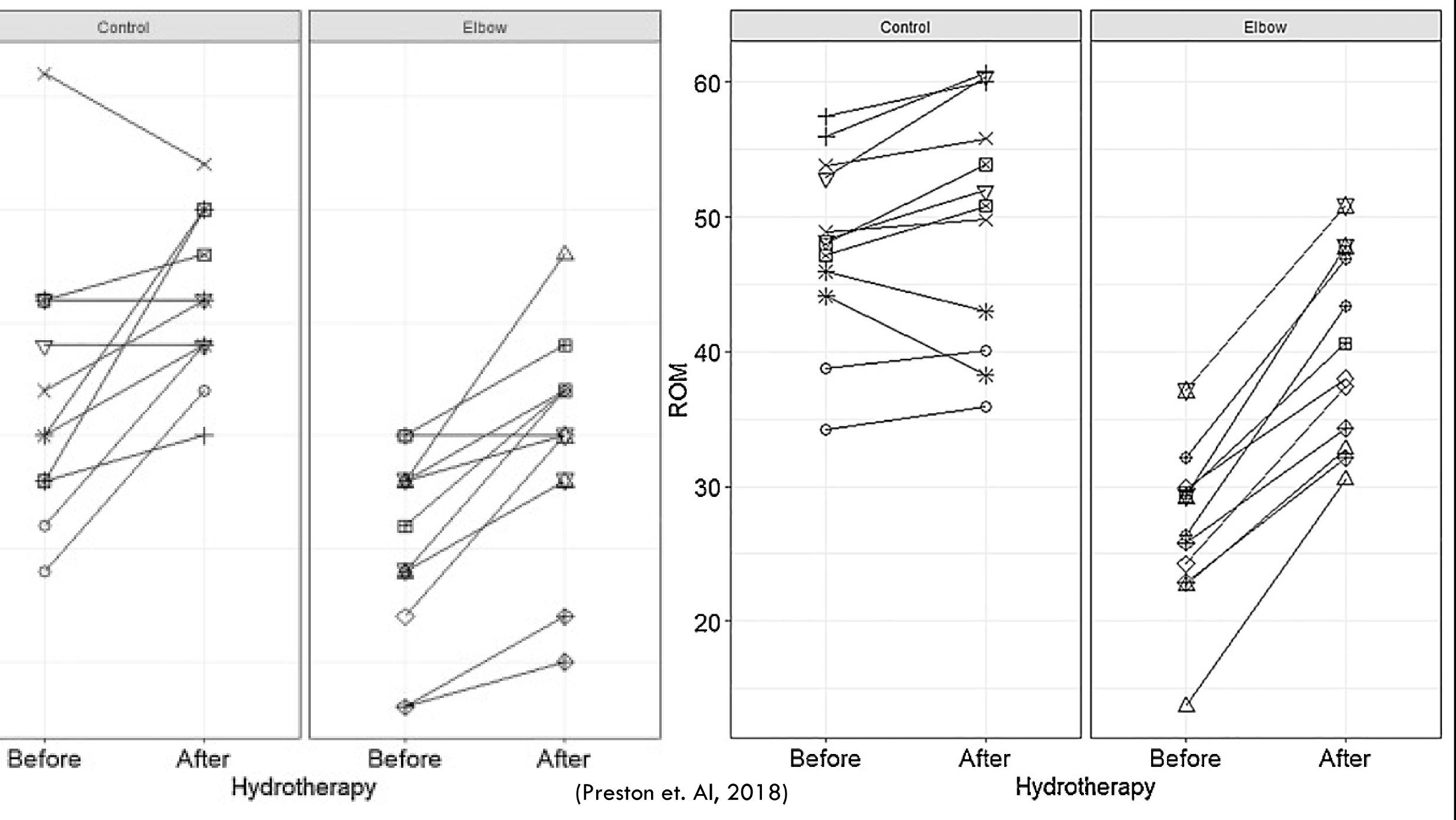
Bauhaus, J. (2020, March 10). Hydrotherapy for dogs: A growing trend in canine physical therapy. American Kennel Club. Retrieved February 12, 2023, from https://www.akc.org/expertadvice/health/hydrotherapy-for-dogs-growing-trend-in-canine-physical-therapy/. Preston, T., & amp; Wills, A. P. (2018). A single hydrotherapy session increases range of motion and stride length in Labrador Retrievers diagnosed with elbow dysplasia. The Veterinary Journal, 234, 105–110. https://doi.org/10.1016/j.tvjl.2018.02.013

Dybczyńska, M., Goleman, M., Garbiec, A., & Karpiński, M. (2022). Selected techniques for physiotherapy in dogs. Animals, 12(14), 1760. https://doi.org/10.3390/ani12141760 de Oliveira Reusing, M. S., do Amaral, C. H., Zanettin, K. A., Weber, S. H., & Villanova Jr., J. A. (2021). Effects of hydrotherapy and low-level laser therapy in canine hip dysplasia: A randomized, prospective, Blinded Clinical Study. Revue Vétérinaire Clinique, 56(4), 177–184. https://doi.org/10.1016/j.anicom.2021.08.001

| | | ses dys |
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| As expected, current research suggests Hydrotherapy and Laser Therapy are particularly effective. | | imp |
| Eventually, a canine's recovery will face diminishing returns; showing less improvement each session. | Length (m) | |
| Determining when such treatment is deemed no longer necessary will be important to budgetary concerns when assessing cost efficiency of different therapies. | - 0.25 0.20 | |

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marked improvement is after only a singular ession of Hydrotherapy for a canine with hip ysplasia. As the first session will see the most provement, it establishes the baseline for cost efficiency.



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