



**EMPIRICAL SUPPORT FOR
THERAPY ANIMAL INTERVENTIONS**

As the field of Animal-Assisted Interventions (AAI) rapidly grows in practice and public awareness, the body of empirical evidence supporting work with therapy animals has also become increasingly robust. The existing research on AAI is varied in its focus on populations and specific applications, but it all rests on the assumption that the human-animal bond is a powerful tool capable of impacting wellness.

The human-animal bond is a mutually beneficial and dynamic relationship between people and animals that positively influences the health and well-being of both. While many of us intuitively understand the benefits of positive interactions with animals in our lives, the groundbreaking evidence obtained by researchers who have scientifically investigated this topic can be used to bolster our work with therapy animals.



THERAPY ANIMALS IN MEDICAL SETTINGS

Medical treatment settings are one of the most common places our therapy animal teams visit, and there is extensive research to support these activities.

Interaction with therapy animals in medical settings has been correlated with the following effects:

- Decreased perceptions of pain^{4, 8, 11, 19, 24, 25}
- Improved recovery rates¹
- Decreased anxiety and stress^{4, 6, 11, 13, 22, 24, 25, 29}
- Less fear and worry in patients^{11, 22, 45}
- Improved biobehavioral markers of stress^{13, 20, 29, 37}

These findings impact people across all age ranges. Many research projects^{4,5,6,7,8,11,20,23,29,41,45} have specifically investigated the impact of therapy animals on children who are receiving medical treatment, and the findings of those studies were also promising. There has even been research to suggest that therapy animals not only make patients feel better but also positively impact caregivers by decreasing levels of emotional distress.^{24,25}

Pet Partners teams are specifically trained so that they can bring these powerful interventions to medical facilities all over the world. Bolstered by our [Standards of Practice](#), we operate in a manner that is highly conscious of zoonotic considerations and is aligned with recommendations from the Society of Healthcare Epidemiology of America (SHEA), the American Journal of Infection Control, the International Association of Human-Animal Interaction Organizations (IAHAIO), and the American Veterinary Medical Association (AVMA).



THERAPY ANIMALS AND PHYSICAL WELLNESS

Therapy animals have not only been found to assist people who are formally being treated for medical concerns but also to inspire physical wellness prior to the point of formal intervention. A 2010 study²² investigated a walking program that matched sedentary adults with therapy animals. Participants in this study showed increases in physical activity over the course of the experiment, stating that their motivation for adherence was “the dogs need us to walk them.”

Key tenets of physical wellness can be modeled in all kinds of therapy animal programming. Our teams can be found visiting with young people, discussing their pets' diets as a lead-in to conversation about human nutrition. We also inspire physical wellness by participating in [corporate wellness](#) initiatives, encouraging employees to get moving throughout the workday. Therapy animals can even inspire patients to walk again after recovering from medical treatment¹, aiding in the journey towards restored wellness. Throughout all these efforts, it is clear that we are sometimes able to better model the importance of our health when conversations about it are facilitated alongside interactions with therapy animals.

Are you ready to get moving for the sake of your physical wellness? If so, check out our [Walk With Me™](#) initiative and consider incorporating Pet Partners teams into your wellness plan.

THERAPY ANIMALS AND MENTAL WELLNESS

Beyond assisting people who are addressing physical health concerns, AAI also supports mental wellness. While we can all share stories of how our pets have helped us feel better, research has given us precise language to describe just what our animals are doing to improve mental health.

AAI has been shown to do the following:

- Increase perceptions of social support^{28, 35}
- Support people during times of crisis^{9, 17, 18}
- Assist professionals in providing trauma recovery^{36,40}
- Decrease levels of general anxiety^{14, 32, 47}
- Alleviate symptoms of depression⁴²
- Assist in formalized mental health treatment^{5, 10, 21, 26, 33, 46}

Pet Partners is honored to be able to share the healing effects of pets to improve mental wellness for people in all walks of life. Whether bringing healing to people who are combatting major stressors, or simply encouraging a sense of wellness in the general population, our teams are ready to share the healing power of animals with anyone who may benefit from the intervention.

In 2019, Pet Partners launched our [Animal-Assisted Crisis Response](#) program, credentialing available to therapy animal teams so that they are trained and ready to provide emotional comfort and support in the aftermath of a crisis situation. Realizing that the nature of crisis calls for handlers to engage with people in some of their most vulnerable moments, all AACR teams have completed an educational course informed by some of the field's top psychological first aid experts. While we hope for a time when fewer crises take place, we are proud to make AACR teams available to assist in supporting mental health in the immediate aftermath of crisis.

THERAPY ANIMALS IN EDUCATIONAL CONTEXTS

We now know that therapy animals can help us feel better, but can they also help us learn? The findings from research on AAI in educational settings give us plenty of evidence to suggest the positive impacts of incorporating therapy animals in the classroom.

Research on AAI in learning environments has shown that therapy animals may help with the following aspects:

- Foster reading abilities, such as reading rate, accuracy, fluency, and comprehension⁴⁴
- Enhance primary skills such as object recognition and categorization^{15,16}
- Mitigate stress levels, especially surrounding events like final exams^{3, 38, 43}
- Provide a source of motivation, stimulation, and focus in learning¹⁶

One of the ways in which Pet Partners teams work to bring these positive effects to young people is through our [Read With Me™](#) initiative. Our teams visit libraries, universities, after-school programs, and a wide variety of other educational contexts—investing in the future of these populations while also working to instill an appreciation for the power of the human-animal bond.



THERAPY ANIMALS AND OLDER ADULTS

Many of our therapy animal teams spend a considerable amount of time with older adults in senior care environments. These interventions often have special meaning within this population, as there are challenges associated with pet ownership later in life, especially when a person lives in residential care.³⁰ Through therapy animal programming, seniors have access to the healing power of animals regardless of their pet ownership status.

Findings from studies focused on AAI with older adults point to therapy animals' abilities to do the following:

- Comfort people with dementia^{12, 31, 39, 48}
- Promote socialization and engagement in older age^{12,39}
- Decrease depression, anxiety, and irritability in seniors^{12, 27, 31, 39}
- Encourage positive perceptions related to a person's health²

Therapy animal visits may be structured to fit the needs of a wide range of older adults. Some teams visit casually in residential facilities, while others specifically work with professionals to assist in goal-oriented interventions. No matter the nature of the visit, therapy animals have an impressive ability to inspire wellness long into the human lifetime.

LOOKING TOWARDS THE FUTURE

Research on AAI and therapy animal work has set a solid framework for us to better understand the healing power of animals. Throughout the existing data, there are many calls for ongoing research to further support this growing field.

Researchers call for the following:

- More research on AAI for specific disease treatment¹
- Larger randomized studies with the inclusion of biobehavioral variables⁶
- Studies involving a variety of species serving as therapy animals
- Replication of existing high-quality studies³⁵
- Increased methodological rigor³⁵

Pet Partners is serious about our commitment to promoting AAI research. We not only assist scholars and practitioners by sharing participation invitations within our network of handlers, but we also financially support ongoing studies through our partnership with [HABRI](#). Additionally, we've created a [Researcher Checklist](#), and we invite investigators and handlers who are involved in studies to use this resource as a guide in ensuring that the best possible therapy animal interventions are being represented in empirical investigation. If you are a researcher interested in learning more about Pet Partners' involvement in these efforts, check out our [resources for AAI professionals](#).

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