

### 1. Personal Information

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<b>Degree (Ph.D. / M.D.)</b>	Doctor of Veterinary Medicine
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### 2. Curriculum Vitae

#### ◆ Educational Background & Experience

Year	Affiliation	Position
2018-Current	Red Sage Integrative Veterinary Partners	Co-owner, Veterinarian
2010-2018	Fort Collins Vet Emergency and Rehab Hospital	Director of Rehabilitation
2009-2010	Colorado State University Vet Teaching Hospital	Director of Rehabilitation
2009	Colorado State University College of Veterinary Sciences	Doctor of Veterinary Medicine
2005	Colorado Western State College	Bachelor of Science

#### ◆ Publications

No.	Contents
1	Benson, J., Fry, L., & Rychel, J. (2023). Use of Rehabilitation Therapy in Palliative Care Patients. <i>Veterinary Clinics: Small Animal Practice</i> .
2	Koh, R. B., Rychel, J., & Fry, L. (2023). Physical Rehabilitation in Zoological Companion Animals. <i>Veterinary Clinics: Exotic Animal Practice</i> , 26(1), 281-308.
3	Fry, L. M., Kieves, N. R., Shoben, A. B., Rychel, J. K., & Pechette Markley, A. (2022). Internet survey evaluation of iliopsoas injury in dogs participating in agility competitions. <i>Frontiers in veterinary science</i> , 997.
4	Sedlacek, J., Rychel, J., Giuffrida, M., & Wright, B. (2022). Nonsurgical rehabilitation in dachshunds with T3-L3 myelopathy: prognosis and rates of recurrence. <i>Frontiers in Veterinary Science</i> , 955.

5	Fry, L. M., Neary, S. M., Sharrock, J., & Rychel, J. K. (2014). Acupuncture for analgesia in veterinary medicine. <i>Topics in companion animal medicine</i> , 29(2), 35-42.
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### 3. Abstract

Lecture Title	Medical Acupuncture for Spinal Cord Injury in Dogs and the Potential for One Medicine
<p>In veterinary medicine, we utilize medial acupuncture to treat spinal cord injury as a first line of treatment. In these patients, who sometimes lack insurance and financial resources, we must find the most efficient and effective way to achieve recovery. In most canine patients with moderate to severe spinal cord injury, acupuncture is a mainstay of treatment. Medical acupuncture helps to maintain neuroplasticity in patients with spinal cord injury, reduce neurologic inflammation and prevent glial scarring in the central nervous system.</p> <p>Treating canine patients for spinal cord injury is rewarding. Patients are generally treated several times per week, beginning early after injury when possible. Electroacupuncture is well tolerated by canine patients, as in neural therapy, so these modalities can become part of their treatment plan. The degree of spinal cord injury in a quadruped can be severe after intervertebral disk herniation, but even patients affected by severe spinal cord injury are treated with acupuncture as a primary part of their treatment plan post-injury.</p> <p>Patients treated for traumatic or vascular spinal cord injury often recover motor function and achieve improved comfort within just a week or two using acupuncture as their primary treatment modality. By 8-12 weeks post injury, we find that patients have improved enough function to return to a functional pet and they can return to a normal daily life at home.</p> <p>Medial acupuncture is beneficial for the treatment of traumatic and vascular spinal cord injury, and enhances other treatment options when used in combination with other modalities.</p>	