References

- Animal Ortho Care. (n.d.). *Dog knee braces, dog back Braces & Pet Pain Relief.* Animal Ortho Care. Retrieved November 16, 2021, from https://www.aocpet.com/.
- Canal, D., Martín, B., de Lucas, M., & Ferrer, M. (2018, September 14). Dogs are the main species involved in animal-vehicle collisions in southern Spain: Daily, seasonal and spatial analyses of collisions. PloS one. Retrieved from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6157827/
- Cherelle, P., Grosu, V., Flynn, L., Junius, K., Moltedo, M., Vanderborght, B., & Lefeber, D. (2017). The Ankle Mimicking Prosthetic Foot 3—Locking mechanisms, actuator design, control and experiments with an amputee. *Robotics and Autonomous Systems*, *91*, 327-336. doi:10.1016/j.robot.2017.02.004
 - Cutti, A. G., Cordella, F., D'Amico, G., Sacchetti, R., Davalli, A., Guglielmelli, E., & Eamp; Zollo, L. (2017). A motion analysis protocol for kinematic assessment of poly-articulated prosthetic hands with cosmetic gloves. Artificial Organs, 41(12). https://doi.org/10.1111/aor.13006
 - Drygas, K., Taylor, R., Sidebothom, C., Hugate, R., & McAlexander, H. (2008). Transcutaneous tibial implants: A surgical procedure for restoring ambulation after amputation of the distal aspect of the tibia in a dog. *Veterinary Surgery*, *37*(4), 322–327. https://doi.org/10.1111/j.1532-950x.2008.00384.x
 - Jarrell, J. R., Farrell, B. J., Kistenberg, R. S., Dalton, J. F., Pitkin, M., & Prilutsky, B. I. (2018). Kinetics of individual limbs during level and slope walking with a unilateral transtibial bone-anchored prosthesis in the cat. *Journal of Biomechanics*, 76, 74–83. https://doi.org/10.1016/j.jbiomech.2018.05.021
 - Liacouras, P. C., Sahajwalla, D., Beachler, M. D., Sleeman, T., Ho, V. B., & Lichtenberger, J. P. (2017). Using computed tomography and 3D printing to construct custom prosthetics attachments and Devices. *3D Printing in Medicine*, *3*(1). https://doi.org/10.1186/s41205-017-0016-1
 - Mich, P. M. (2014). The emerging role of Veterinary Orthotics and prosthetics (V-op) in small animal rehabilitation and pain management. *Topics in Companion Animal Medicine*, 29(1), 10–19. https://doi.org/10.1053/j.tcam.2014.04.002

- Park, S., An, J., Kwon, H., Choi, S., Lim, K., Kwak, H., Hussein, K. H., Woo, H., & Park, K. (2020). Custom-made artificial eyes using 3D printing for dogs: A preliminary study. *PloS One*, *15*(11), 1. http://dx.doi.org/10.1371/journal.pone.0242274
- Resnik, L., Meucci, M. R., Lieberman-Klinger, S., Fantini, C., Kelty, D. L., Disla, R., & Sasson, N. (2012). Advanced Upper Limb Prosthetic Devices: Implications for upper limb prosthetic rehabilitation. *Archives of Physical Medicine and Rehabilitation*, 93(4), 710–717. https://doi.org/10.1016/j.apmr.2011.11.010
- Sekine, M., Sugimori, K., Gonzalez, J., & Yu, W. (2013). Optimization-Based Design of a Small Pneumatic-Actuator-Driven Parallel Mechanism for a Shoulder Prosthetic Arm with Statics and Spatial Accessibility Evaluation. *International Journal of Advanced Robotic Systems*, 10(7), 286. doi:10.5772/56638