



Prosthetic Leg

2022



I partnered with Petly Clinic to design and create an animal prosthetic limb, a practice that has the potential to revolutionize the way veterinarians approach animal amputation in Jordan.

I worked in collaboration with a researcher in the lab who had expertise in Biomechanics. She provided good insight into the ergonomics of the leg.

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I used a variety of techniques to design the prosthetic leg for the dog, including **3D scanning**, **creating a gypsum mold**, and **2D sketching and 3D modeling**. The finished product was then 3D printed. The design of the leg allows for **easy attachment and removal**, which is important for the dog's comfort and health. Additionally, the leg is **adjustable** to accommodate for the dog's growth over time.

