



## Dear Prospective Beneficiary of DigiGait Technology:

Are you interested in the DigiGait technology but worried about whether the instrumentation is worth the investment? We are now offering several options to try the instrumentation prior to purchasing DigiGait. The options enable researchers to experience the power of DigiGait prior to making a capital investment including web demonstrations and pilot trials by sending mice to our facility and in house studies. These services will help you understand the use of DigiGait in your research and ensure that the equipment is worthwhile and will advance your research funding and quality. Below are details for each option:

1. **Web Demonstration** – We will set up and provide a **FREE** web demonstration via *gotomeeting.com*. From the comfort of your desk chair or conference room, you will be able to see and operate our DigiGait Imaging System located at our facility in Framingham, MA. One of us here will manage handling of the animals on the treadmill and a web camera will enable you to see and explore the DigiGait hardware, including the walking compartment in which the animal is placed, the transparent treadmill belt, the LED illumination panels, the excrement collection bins, the high-speed camera mounting hardware, and the incline and decline mechanism. You will, remotely, acquire the movies according to a protocol that you would like to see (For example, you can request the technician managing the animals to challenge the animals to walk fast up a 20 degree incline). You will then capture and store the movies from the study, run the DigiGait analyses software that automatically analyze the images, and generate dynamic gait signals. After ensuring there are no artifacts in the data, a data sheet will be generated containing numerous postural and kinematic metrics that characterize the gait of the animals from your study. Typically in a web demonstration we will study two animals, or one animal under two conditions, so that you are equipped with an excel summary that highlights similarities and differences between the two data sets. The web demonstration usually lasts about 50 minutes with adequate time for questions and answers. ***Contact us to set up a day and time for the web demonstration!***
2. **Sending Mice to our Facility** – With this option you will ship your animals to us for study at our facility and you will experience all that DigiGait provides in your own animals [up to ten]. **There is a fee of approximately \$500 associated with this**, which typically covers the administrative costs associated with IACUC and veterinarian approvals, receipt and caging of the animals, and care and housing until the day of gait analysis. This fee may change depending on the exact nature of the study. We will discuss with the researcher an appropriate protocol to provide the best opportunity to identify gait disturbances. For example, if the researcher is suspecting muscle weakness, we might suggest the animals pulls a weighted sled. If, for example, a rotator cuff injury, we might suggest downhill walking at a fast speed. We treat the study as if it was our own, generating video and data that the researcher can use for a grant applications, abstract, or manuscript. The researcher receives all of the raw video, and all of the graphics and metrics from the study. In addition, the researcher is welcome to sit in on a web demonstration, as described above, during our analysis of their animals. ***Set this up via our contact form now!***



- 3. In House Study** – We will travel to your facility with the DigiGait instrumentation to study gait in up to 16 animals. The study is conducted with great thought and care, as if it was our own research, with the aim of generating publishable data. **The minimum fee for the on-site study is \$1500**, primarily to cover the costs of transport of the DigiGait hardware and the Mouse Specific expert to and from your facility. The actual fee depends on the location of the study and the actual number of animals imaged and analyzed. *Contact us to get this set up!*