

Supplementary Figure S1: Water treadmill (WT) model (*Aquatrainner Horse-Gym-2000*, model W3) of the “Centre d’Imagerie et de Recherche sur les Affections Locomotrices Equines” (CIRALE) used in the study, reaching a maximum water height of 120 cm and a maximum speed of 8.5 m/s (i.e. 31 km/h).

