Fig. 1. A subject sitting posture for data collection. Each experimenter was responsible for collecting the EMG (1), the USI (2) and the spinal curvature data (3), respectively.

a: EMG system
b: electrode for EMG
c: USI system
d: probe for USI
e: "Spinal Mouse"
f: "Spinal Mouse" system

EMG: electromyography
USI: ultrasound imaging