

Description of Additional Supplementary Files

Supplementary Movie 1 | Video recordings of animals performing a dexterity task following ultraconformable device implantation. Videos presented for three different rats at Day 7 postimplantation. All three examples shown are scored as Grip (see Supplementary Fig. 3). Note implantation and task are performed over right front paw.

Supplementary Movie 2 | Examples of other types of paw movements produced through stimulation with two microelectrodes simultaneously and different stimulation parameters. First (Finger extension + Wrist flexion) and second (Wrist extension + Wrist flexion) clips correspond to a one rat, while the third (Finger extension + Finger flexion) corresponds to a different rat. Microelectrodes delivering stimulation are depicted in red in implant diagram. The last portion of the video shows movements resulting from single pulses of stimulation, rather than 1 s pulse trains.