

Supplementary Information

Dry-printed electrodes for transcutaneous electrical stimulation of innervated muscles: Towards wearable and closed-loop stimulation

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Supplementary figures

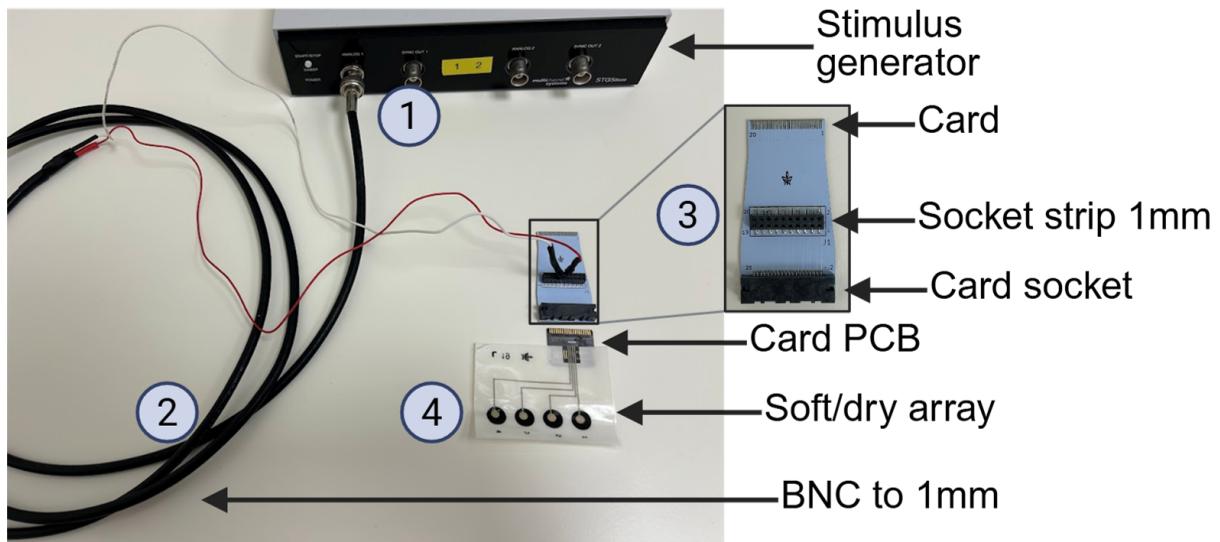


Figure S1. Setup for transcutaneous electrical stimulation using dry-printed electrodes. The system includes (1) a stimulus generator (STG5, Multi Channel Systems), (2) BNC-to-1 mm adaptors, (3) a custom PCB connector, and (4) a soft printed electrode array. This configuration ensures stable electrical contact while maintaining flexibility and skin conformity.

Supplementary Videos

Video 1: Demonstration of accessory nerve stimulation using dry and gel electrodes.

Video 2: Demonstration of closed-loop facial stimulation.