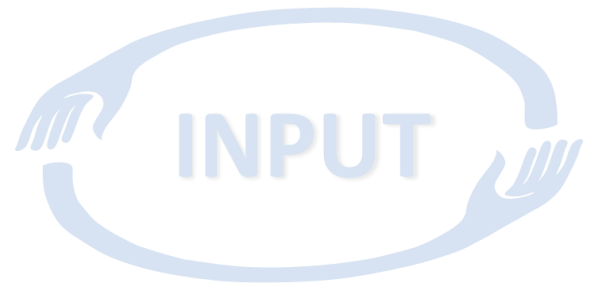


MILESTONE REPORT



Project acronym: INPUT

Project number: 687795

MS2, Guidelines for optimized signal acquisition available

Related Work package(s): WP5

Related Deliverable(s): D5.1

Lead Participant UMG-GOE (ICL)

Dissemination level: PP

Planned delivery date: 2017-11-1

Actual delivery date: 2017-11-16

Reporting Period: 2

1 DESCRIPTION OF THE MILESTONE

Milestone number ¹⁸	Milestone title	Lead beneficiary	Due Date (in months)	Means of verification
MS2	Guidelines for optimized signal acquisition available	3 - UMG-GOE	18	Guideline directing hardware development towards optimal signal acquisition available

2 PROVE OF MILESTONE FULFILMENT

MS2: Guidelines for optimized signal acquisition available

UMG-GOE (ICL) has created a biophysical model of the forearm muscles to investigate the influence of electrode characteristics on robustness in myocontrol. The implementation is described in detail in the associated report for deliverable 5.1.

The model has been validated with experimental measurements, as specified in the plan for deliverable 5.1. The recommendations resulting from the modelling/experimental studies have been implemented by OBG in the design of the liner system for multi-channel EMG (WP4) and by SUPSI-IDSIA in the design of the regression control system based on machine learning. Details about the recommendations can be found in the associated report for deliverable 5.1.

3 DECISION TAKEN ON PROJECT BECAUSE OF THE MILESTONE

No changes needed project is on track

Reorganisation of the project

Changes: