Experiment protocol - ML altered gas study   Date: _____   Time: _____

EXPERIMENT DAY 1 - Experiment setup prepared?

- Nasal canula ready and connected to matching gas tank   'A' or 'O'____

1) Oximeter ready? ____   2) Air measuring device _____ Room air level? ____%

3) Computer turned on and experiment loaded? ____   4) Forms prepared? ____

<u>**Participant arrives - Questionnaires/Forms → hand out Covid-Handout to participant**</u> _____

1) Consent form Participant ____   ID code: ____   Gender: _____

2) Summary sheet ____   3) Handedness sheet ____   4) Sleep quality sheet ____

<u>**Participant preparation**</u>

1) Finger clip of oximeter on non-dominant hand? ____ SO_2 _____   2) Nasal canula on participant? ____

Test Explanation: ____

Key Instructions:

1) 'Perform as quickly and accurately as possible' _____

2) 'The difficulty during the experiment may change but the task remains the same' _____

What hand is used?   RIGHT   or   LEFT

Practice Session _____

Further Instructions:

1) Put the pen on the tablet until you move the cursor to the center of the solid black dot.

2) Keep the pen on the tablet and move the cursor to the center of the target as quickly and accurately as possible

3) Put your arm in a comfortable position

Start Experiment: ____

Baseline conditions: 1) ____   2) ____   3) ____   4) ____   Notes: _____

Turn gas flow on, wait 3 min before experiment continuous: ____

Check Oximeter, Saturation level? _____ %

Adaptation conditions: 5) ____   6) ____   7) ____   8) ____   9) ____   **Break** 10) ____   11) ____   12) ____   13) ____ 14) __

                15) ____   16) ____   17) ____   18) ____   19) ____   **Break** 20) __   21) ____   22) ____   23) __   24) ____

Notes: _____

Air measuring device _____ Room air level? ____%

Experiment protocol - ML altered gas study   **Date: _____   Time: _____**

Turn gas flow off, wait 3 min before experiment continuous: ____   Check Oximeter Saturation level? _____%

Air measuring device _____ Room air level? ____%

Afterffects conditions: 25) ____   26) ____   27) ____   Notes: _____

Refresher conditions: 28) ____   29) ____   30) ____   Notes: _____

Task load and MoodMeter: Explanation: _____   INSTRUCTION: Fill quickly and intuitively _____

1) TLX Task load?   ____   2) MoodMeter?   ____

CHECK IF BOTH GAS TANKS ARE CLOSED!!! _____

Backup data on USB stick and Analyzing Computer / Lab Server _____   **Done for today** ☺