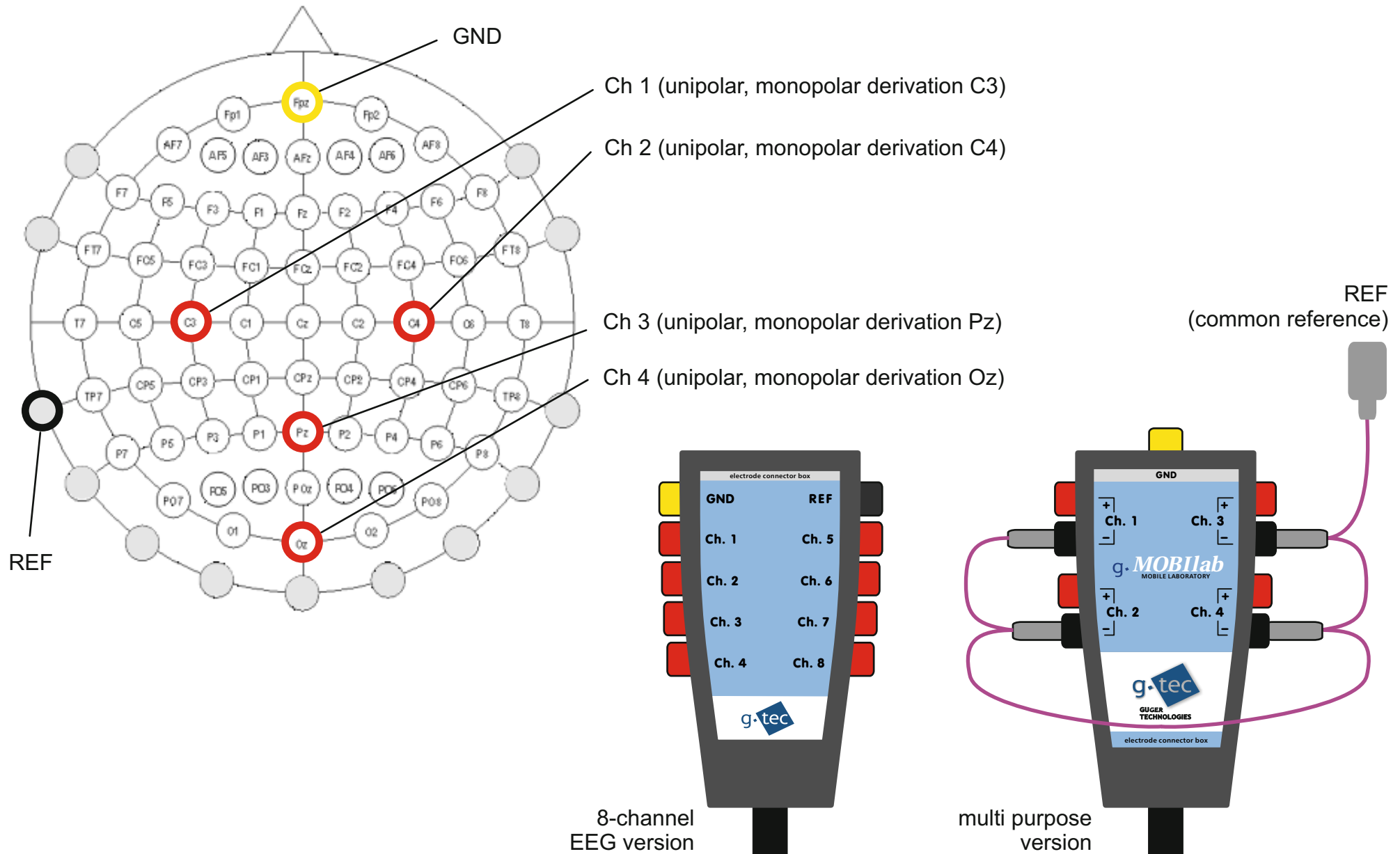


# Basics on Biosignal Measurement with g.MOBIIlab V2.10.00

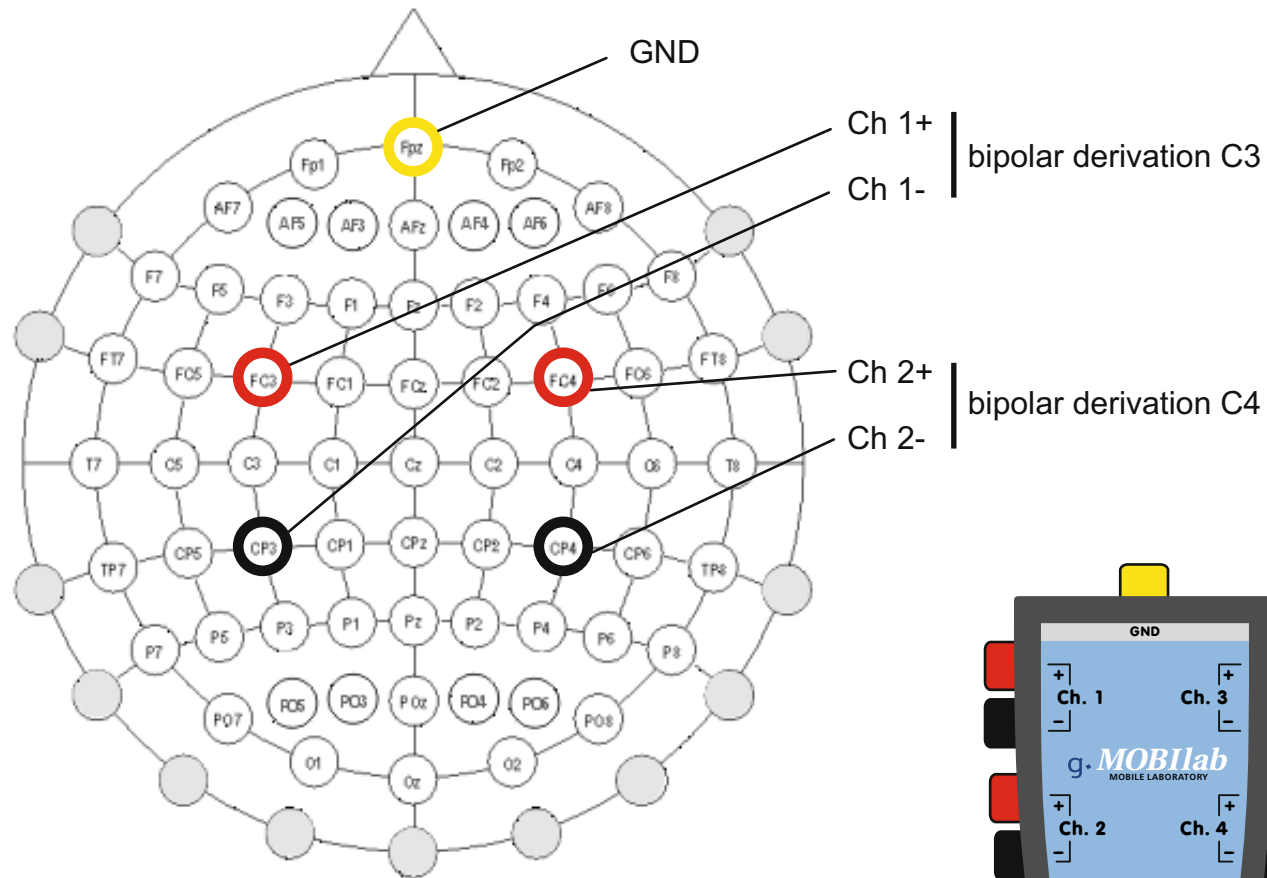
Unipolar / Bipolar Biosignal Derivations

Connecting External Sensors to g.MOBIIlab

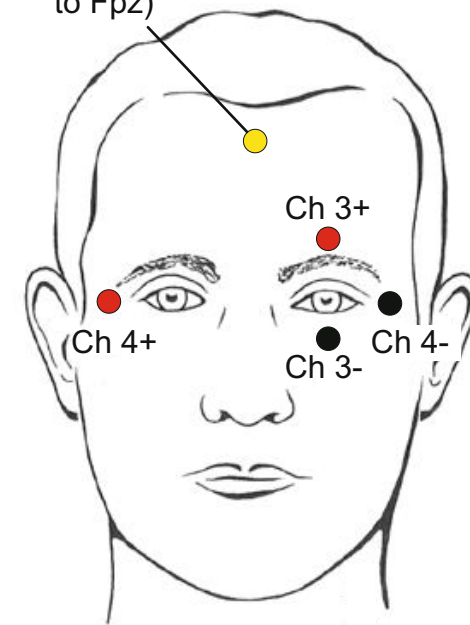
# Unipolar EEG recording with g.MOBilab



# Bipolar EEG/EOG recording with g.MOBilab

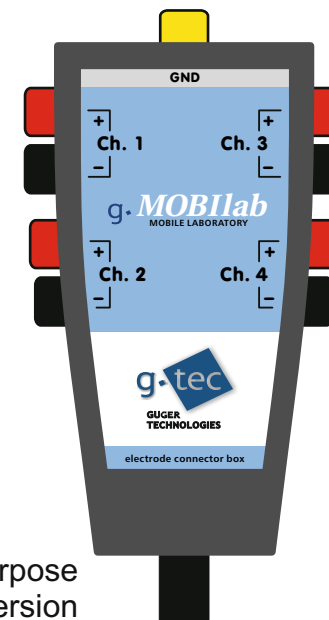


GND  
(only required  
if not connected  
to Fpz)

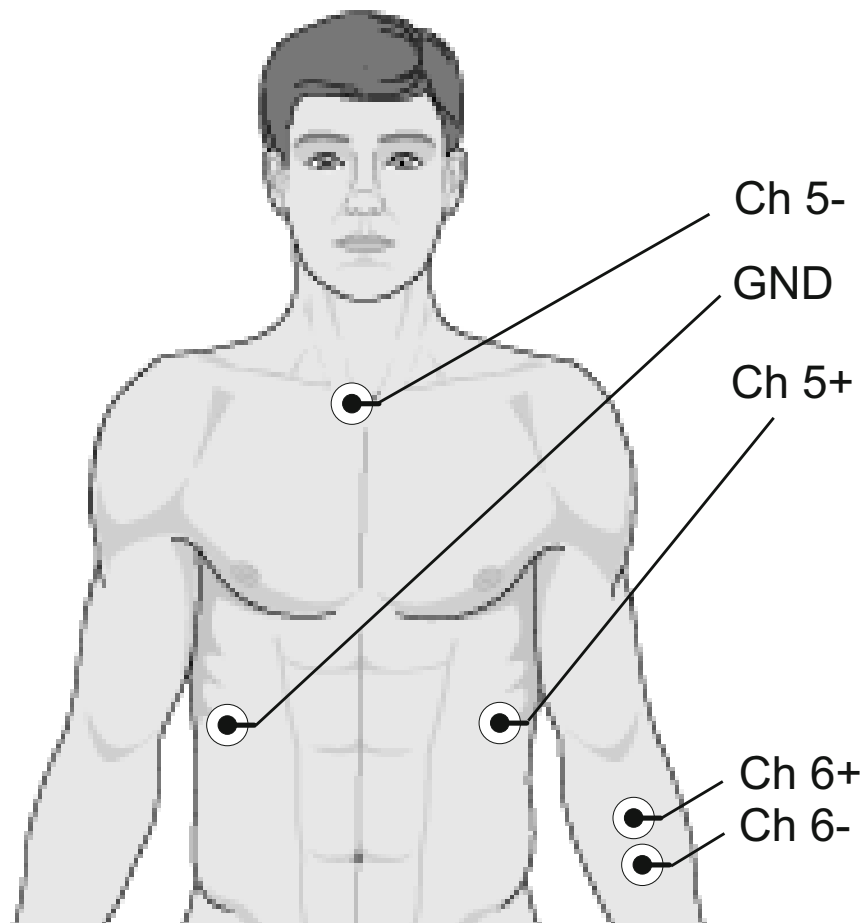


In this example:  
Ch 3: VEOG  
Ch 4: HEOG

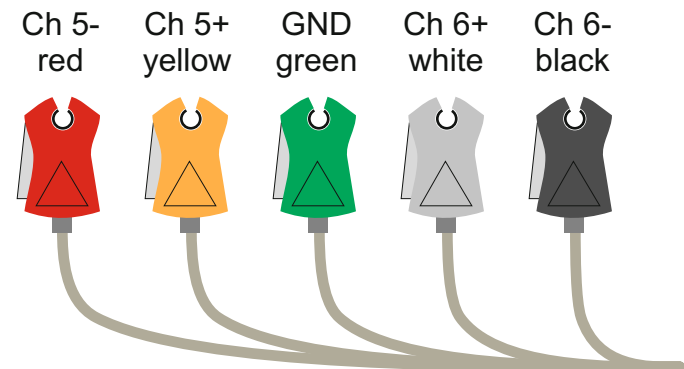
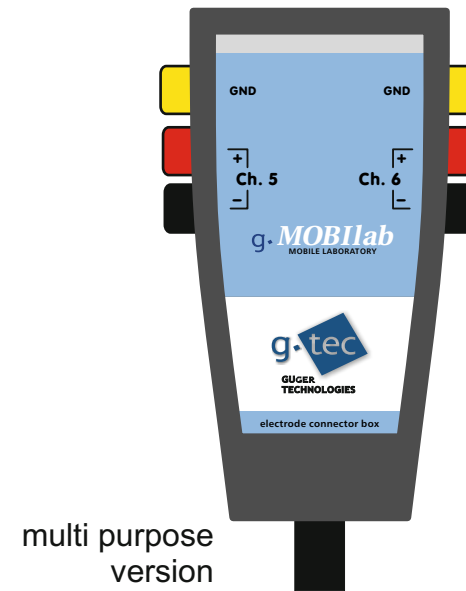
multi purpose  
version



# Bipolar ECG/EMG recording with g.MOBllab



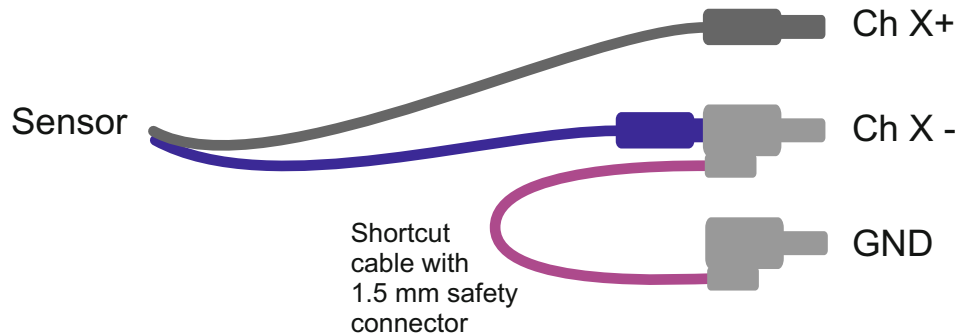
example: Ch 5: ECG, Ch 6: EMG



5-lead ECG/EMG patient cable

# Connecting external sensors to g.MOBllab

Sensors with a 2-lead sensor cable  
(e.g. snoring microphone, respiration sensor, ...)



Sensors with a 3-lead sensor cable  
(e.g. g.PULSEsensor)



Sensors with DC-high level output  
(e.g. g.GSRsensor, g.TEMPsensor)



## Sensor type:

g.PULSEsensor  
(low output)

g.PULSEsensor  
(high output)

g.RESPIRATIONsensor

g.SNORINGsensor

g.GSRsensor

g.TEMPsensor

## Recommended input channel:

Ch 3 or Ch 4  
(multi purpose version)

Ain 1 (Ch7) or Ain 2 (Ch8)  
(multi purpose version)

Ch 3 or Ch 4  
(multi purpose version)

Ch 1, 2, 5 or 6  
(multi purpose version)

Ain 1 (Ch7) or Ain 2 (Ch8)  
(multi purpose version)

Ain 1 (Ch7) or Ain 2 (Ch8)  
(multi purpose version)