

UNIVERSITY OF LIMERICK EHS RESEARCH ETHICS COMMITTEE

PROCEDURES INVOLVING HUMAN SUBJECTS

Procedure No

Title of Procedure

Name of Assessor  Assessment date

Does this procedure already have ethical approval ?

If so, enter ethical number and expiry date

**1**

These procedures involve electrical recording from active muscle or myocardium. Both procedures involve placement of recording electrodes on the skin surface, either over the muscle for EMG, or at standard lead positions for ECG. The apparatus used is electrically isolated, and conforms to EU guidelines for electrical isolation (and carries CE Marking). The signal recorded is converted to a digital signal, and stored on a computer system. The recordings are made for UG laboratory classes and research purposes.

Where electrodes are being placed on chest or trunk, electrode placement will occur in a screened off room, e.g. behind screens or in a private room. Electrodes will either will either be self-placed by participant following instruction or will be placed by the researcher. When the researcher is placing the electrodes personally, a second researcher will also be present. Both researcher and participant will be of the same sex when the researcher is placing electrodes on the participant.

Where participants are placing their own electrodes, detailed instructions will be provided to them on electrode placement.

**2**

Others, please specify

**3**

<input checked="" type="checkbox"/>	University of Limerick staff or campus personnel
Others, please specify	
<input checked="" type="checkbox"/>	Members of the general public (adolescents age 13+, adults) engaged in research projects granted ethical approval.

**4 Potential risks. To be explained before obtaining consent**

<input checked="" type="checkbox"/>	Low Risk
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**5 Action to be taken in the event of a foreseeable emergency**

The procedure will be terminated if the volunteer shows any sign of distress.

Standard first aid procedures may be required depending on the severity of the situation. The following standard procedure should be followed in the event of an incident occurring in the PESS building.

1. Stop the procedure. Position the subject to prevent self-injury.
2. If appropriate, raise the subject's lower limbs to improve blood flow. Should the subject fail to respond summon help immediately.
3. Check vital signs airways, breathing and circulation (ABC)
4. If required attempt CPR as soon as possible.
5. Requesting Help: Emergency Contact telephone numbers are listed on laboratory door:
  - During normal working hours 9am-5pm, use lab phone to contact the Student Health Centre on **061-202534**
  - Outside of normal working hours, or if the Student Health Centre number is engaged/busy, use the laboratory phone to dial 3333 for UL security personnel who will then contact the ambulance service. Contact one of the PESS First Aiders – names are listed on the PESS laboratory door.
6. When contacting the above clearly state: Location, Building, Room Number, Nature of Incident/Accident and provide a contact number.
7. Complete the UL 'Accident & Emergency' form (completed by the investigator, not the volunteer). Forms available on UL HR website: <https://www.ul.ie/hr/hr-policies-procedures-and-forms-z>

**6 Level of supervision required for procedure**

<input checked="" type="checkbox"/>	PESS lecturing, research staff and teaching assistants
<input checked="" type="checkbox"/>	PESS postgraduate researcher

Others, please specify


7

**Other documentation required for this assessment ?**

PESS standard pre-test questionnaire

Detailed protocol

Others, please specify

Participant Information Sheet & Consent Form

Consent from parents/guardians for minors (under 18)

For office use only

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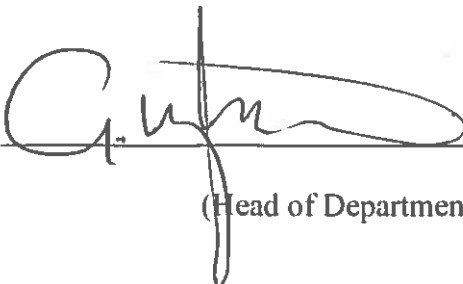
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Comments/conditions

Signed  Date 11/1/18  
(Head of Department)