

# **UNIVERSITY OF LIMERICK RESEARCH ETHICS COMMITTEE**

### **RISK ASSESSMENT FORM – PROCEDURES INVOLVING HUMAN SUBJECTS**

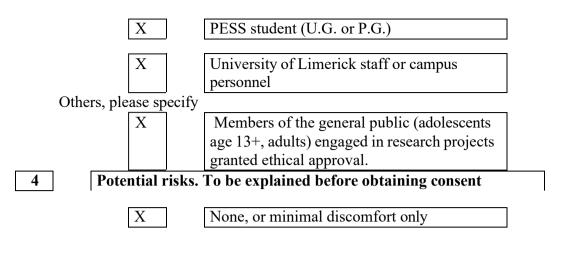
		Procedure No	SS 002
Title of Procedure	EMG / ECG recording		
Name of Assessor	Alan Donnelly	Assessment date	Nov 2018
Does this procedure already have ethical approval ?			YES
If so, enter ethical number and expiry date		Approval No: S	S002
		End Date: December 2028	

## 1

#### Please provide a brief description of the procedure

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.

2 Location in which the procedure may take place				
X	PESS Teaching Facilities			
X   Others, please specify	PESS Research Facilities			
3 Eligibility of subject(s) to be used				





#### Action to be taken in the event of a foreseeable emergency

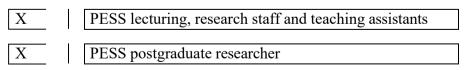
The procedure will be terminated if the volunteer shows any sign of distress.

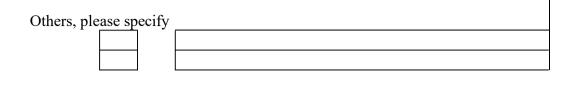
Standard first aid procedures may be required depending on the severity of the situation. The following standard procedure should be followed in the event of an incident occurring in the PESS building.

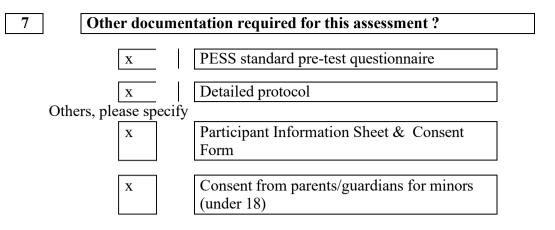
- 1. Stop the procedure. Position the subject to prevent self-injury.
- 2. If appropriate, raise the subject's lower limbs to improve blood flow. Should the subject fail to respond summon help immediately.
- 3. Check vital signs airways, breathing and circulation (ABC)
- 4. If required attempt CPR as 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: <u>https://www.ul.ie/hr/hr-policies-procedures-and-forms-z</u>

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#### Level of supervision required for procedure







For office use only

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Name of Assessor	I <u>Alan Donnelly</u>	J Assessment date	Nov 2018		
W <u>Committ</u>	ee approval for experiment				
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D Others, <u>plyse s</u>	lecify .				
D					

Comments/conditions

/ Signed --=----) זא <u>rL</u> 

Date 118\_1')

(Head of Department)