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I University staff or campus personnel _____

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Members of the general public engaged in research
projects granted ethical approval.

FOR COMPLETION BY HEAD OF DEPARTMENT

RISK ASSESSMENT FORM - PROCEDURES INVOLVING HUMAN SUBJECTS

IN THE DEPARTMENT OF: PHYSICAL EDUCATION AND SPORT SCIENCES

		Procedure No	_____

Title of Procedure	_____ (Collection and Storage of Human Saliva)		
Name of Assessor(s)	[Dr. Joseph Bass/ Prof P Jakeman	Assessment Date	_____ 03/ 11/2016

S Approval of procedure

D _____
_____ [Granted]

D _____
_____ [Subject to conditions (see below)]


Others, please specify

D _____

D _____

Comments/conditions

Informed consent must be completed.

Signed: 
(Head of Department)

Date: **JO / 11 / 16**

Saliva collection

Procedure to be followed -

IT IS VERY IMPORTANT THAT ALL SAMPLES ARE PROCESSED AND STORED AS SOON AFTER COLLECTION AS POSSIBLE, ANY DELAY IN THIS PROCESSING HAS TO BE AVOIDED TO PREVENT ANY DILUTION OF ENRICHMENT OF THE SAMPLES DUE TO EVAPORATION AND TRANSFER OF MOISTURE THROUGH PLASTIC COLLECTION CONTAINER WALLS.

1. Saliva samples should be collected in 5ml sterile falcon tubes, subjects need only provide a small amount of sample <<1ml (**NOTE: If subjects are self-collecting at own home, samples should be stored refrigerated @ 0-5 °C**).

NB: - Saliva should be collected at least 30 min post-ingestion of food or drink to avoid dilution of tracer.

2. Upon receipt of sample to laboratory it can be safely stored for a short period (~1day) in the fridge @ 0-5 °C
3. Each sample is then pipetted into an Eppendorf (samples can be quite viscous so care should be taken at this point) and centrifuge at 13,000rpm for 10min at 4°C to pellet cell debris.
4. The supernatant should then be transferred into a clean autosampler vial and capped.
5. Samples are now safe to store for extended periods at -20°C
6. Log sample location

Emergency / spillage procedure - If sample is spilled, mop up with absorbent towel, decontaminate area with detergent, Virkon, gloves and lab coat to be worn.

Disposal and decontamination - Clean with detergent wipe and then disinfect with 1% Sodium Hypochlorite solution and dispose of wipes into an incineration bag. Dispose of tissue in clinical bin for incineration.