







Venepuncture: a mastery learning approach.

### **BACKGROUND**

Venepuncture is an essential skill for graduates and is primarily taught in undergraduate curricula using part task trainers in a simulated environment. This is an appropriate place to start the development of the skill, especially the psychomotor elements, but there is then a gap between application of the skill in a part task trainer and performing the skill safely in a (real) patient in a person centred way. During the course students will have opportunities to undertake this skill during their clinical attachments. There are several risks to the patient associated with this procedure including; discomfort, bruising and infection. It is therefore vital that the technique be carried out safely and effectively. Before students engage with supervised practice in any clinical attachment, ideally they should be able to perform it safely in both a simulated limb, and a healthy volunteer (peer). Moving practice from the part task trainers to healthy consenting peers addresses the identified gap by rehearsing both cognitive and technical skills, by allowing progression of the skill to improve 'transferability' of skills when taught using a mastery approach, accompanied by performance feedback.

### Peer Venepuncture Session

### **WHO**

Year 1 ScotGEM students will attend a timetabled venepuncture mastery learning session. There will be an "opt out" opportunity for students with strong feelings against participation in the peer venepuncture aspect of the session, or any student with a medical condition associated with increased risk eg prolonged bleeding. Any student who has not yet had OHSAS clearance cannot have blood taken, but can perform venepuncture and rehearse on part task trainers.

### **Staff**

Qualified health care professionals, trained and competent in the procedure, will be present at all times.

### WHEN

Timetabled teaching time within the clinical skills centre as part of week 9.

### Session Structure

### **Pre-session work**

- Video of procedure
- Completion of anatomy session covering venous drainage of the forearm
- Awareness of risk assessment for peer venepuncture
- Awareness of sharps and needlestick injury policies
- Awareness of infection control policy

### Duration

- Up to 1.5 hours supervised practice on part task trainer with Direct Observation Procedural Skill
   (DOPS) formative assessment when student ready
- Up to 1.5 hours supervised peer practice

### **Tutors**

1 tutor for each group of up to 8 students during part task trainer practice, One-to-one supervision for peer practice. Tutors will include 8 General Clinical Mentors (GCMs), clinical demonstrators and CliC tutors (all qualified in the procedure).

During the first part of the session students will practice on the part task trainers under supervision. Once they feel they have attained the skill in simulation they should be formatively assessed via a DOPS by the tutor. If the student has satisfactorily acquired the skill, they are ready to move onto peer venepuncture. If they require more practice they should be directed back to the part task trainers and be reassessed after further practice. To allow the session to run smoothly and in recognition that students will acquire the skill at different rates, tutors should start formative assessments as soon as the first student feels ready.

### **Equipment**

- Clinical Hand washing facilities
- Clinical waste bin
- Sharps bin
- Disposable gloves and apron
- Gauze swabs
- Plasters
- Chair/couch/bed
- Needle and Barrel (Vacutainer system) as per current clinical use within NHS Fife/Tayside.
- Alcohol impregnated skin wipe

- Blood sampling bottles
- Materials tray

### **General points for tutors**

(note – the term patient is used when referring to the student who is undertaking the patient role for this practice)

- Tutors should be aware of the risk assessment documents for the session
- Details about this teaching session will be provided to students two weeks before it is timetabled to take place. Attendance at the session is compulsory, however students who feel strongly that they cannot participate in the peer venepuncture element can opt out of that part of the session. Contact should be made with the tutor in advance of the session. In this circumstance students can continue to rehearse using part task trainers. All information shared between student and tutor will of course be confidential.
- All students participating in peer venepuncture will have OHSAS clearance before the session.
- All teaching sessions will be tutor led and closely supported throughout.
- Tutors should enquire if students have had any previous experience of adverse reaction to needle/sight of blood etc. (if so, then offer to carry out procedure while patient lies down on bed or couch).
- Tutors will keep a regular check on the students throughout the process to check for pallor/sweating which may indicate a tendency to faint.
- Ensure the patient is sitting/lying comfortably with arm supported.
- All specimens of blood must be taken with a good aseptic technique.
- All blood should be considered potentially infectious and handled accordingly.
- Disposable aprons and gloves must be worn for all procedures.
- Appropriate hand hygiene must be adhered to.
- Sharps and all blood specimens should be disposed of immediately in accordance with local waste disposal guidelines.
- Blood specimens must be 'labelled' at the bedside- students can label the bottle with a fictitious name and date of birth.
  - All equipment used must be in date.

### School of Medicine

### Procedural Skills Checklist for Venepuncture

### Preparation

- Hand hygiene
- Introduce self
- Identify patient
- Explain procedure and ask about preferred site /side
- Gain consent
- Ensure patient comfort
- Appropriate positioning and exposure of patient

### **Procedural Pause**

- Equipment ready?
- Patient ready?

### **Cleaning & Anaesthetising**

- Identify if the patient requires local anaesthetic cream
- Organise gloves, tourniquet, gauze swabs/tape
- Take sharps bin to the bedside
- Put on disposable gloves and apron

### **Perform Procedure**

- Select appropriate container(s), needle and vacu-barrel for procedure
- Apply tourniquet and select appropriate vein
- Swab skin with antiseptic wipe (70% isopropyl alcohol) for 30 secs and allow to dry for 30 secs
- Avoid any contamination of venepuncture site
- Ensure bevelled edge of needle is upmost
- Enter vein with needle at an angle of approximately 15° to the skin and avoid contamination of needle or insertion site with hands
- Collect blood in appropriate containers as per order of draw

### If blood collection fails:

- Release tourniquet
- Place a swab/cotton wool over the needle
- Remove needle
- Dispose of needle in sharps bin
- Apply pressure to vein for 30-60 seconds or until bleeding stops
- Explain to patient and try again at a different site/side
- Release tourniquet
- Remove needle and cover area with swab/cotton wool

- Dispose of needle safely into sharps bin
- Apply pressure to site for 30-60 seconds or until bleeding stops, with swab/cotton wool
- Keep arm extended and elevated
- Ensure bottles are mixed as per manufacturer's guidelines
- Apply pre-printed labels or write details (name, DOB, CHI, ward, time, initial and date) on blood bottles at the bedside

Note: This is best practice guidance for NHS settings. In the context of peer practice for learning, simulated data could be used such as fictional name and date of birth, in order to both embed best practice for specimen labelling, whilst allowing students to avoid having specimens which could be potentially identifiable with student data. As the session will be supervised one-to-one at this stage, there is no opportunity for specimens to be removed from the site, as all will be disposed of by incineration as clinical waste.

- Place blood sample(s) into sealed polythene bag (one bag per patient)
- · Check that bleeding has ceased

### **Post Procedure Care**

- Provide required information to patient
- Ensure patient covered and comfortable
- Dispose of equipment safely
- Hand hygiene

### **Additional Information**

- If the student/patient feels faint during the procedure, **STOP** immediately. Lay him/her flat and elevate legs. Tutor will stay with them until they feel well again or alert the first-aider.
  - In the event of a needle stick injury the St Andrews policy will be followed.
  - All blood specimens will be disposed of with sharps clinical waste. No tests or analysis will be performed on specimens. No specimens will be removed from the venue. All will be disposed into sharps bin immediately. Sharps bins are disposed of by incineration in line with local policy.
  - Full risk assessment, sharps and needlestick injury policies are appended.
  - Any adverse event or near miss will be recorded in line with local policy.

Dr Lysa Owen, Acting CLIC Lead

**Christal Grierson Clinical Skills Manager** 

May 2018

**Appendix** 

Sharps Policy pdf
Infection Control policy pdf

Approval Code: (Official Use Only)

# UNIVERSITY OF ST ANDREWS TEACHING AND RESEARCH ETHICS COMMITTEE (UTREC)

## **ETHICAL APPLICATION FORM**

Please Tick: (clic	ck on the box then click 'Checked' for a c	ross to appear in the box)
Undergraduate [	Postgraduate Research F	Postgraduate Taught  Staff
Lecturer/Course	Controller on behalf of Taught module 🗵	Module Code: MD2101
Researchers Name(s):	Lysa Owen	
Project Title: Taught session- peer venepuncture		
School/Unit: (Please indicate)	School of Medicine (ScotGEM programme)	Supervisor:
Emails	l.e.owen@dundee.ac.uk	Date Submitted 22 May 2018
proposing to do research will take reasons) This summary wing the summary	; <b>Who</b> your participants are (eg. age place (eg. site, country); <b>How</b> you are described by <i>UTREC</i> and may be puressential clinical skills for doctors, all meaking a blood sample). Normally introduceing and consolidating in NHS settings with	on without technical terminology of <b>what</b> you are vulnerability, nationality, organisation); <b>Where</b> the oing it, (eg. survey, interview). (90 words for database blished as part of its reporting procedures.  Itical students required by GMC to be competent at d in model arms then followed up on an opportunistic in real patients. For ScotGEM students this bridges by offering students the chance to practice on healthy, before real patients.
including how yo What type of data retain/destroy data	u will obtain voluntary informed consent ( a you will be collecting (anonymous, code ta. (90 words for database reasons) You	the important ethical issues raised by your research (especially where you are gathering audio/video data); ed, attributable); <b>How</b> you will handle, store and should elaborate on these issues in Q28. blished as part of its reporting procedures.
Safety: see risk a	o data will be collected. No blood sample issessment ession- see proposal	s will analyzed or stored.

APPLICATIONS MUST BE SUBMITTED TO THE RELEVANT SCHOOL ETHICS COMMITTEE <a href="https://www.st-andrews.ac.uk/utrec/SEC/SECMembers/">https://www.st-andrews.ac.uk/utrec/SEC/SECMembers/</a> PLEASE DO NOT SUBMIT DIRECTLY TO UTREC.

- Please submit an electronic copy and one hard copy (with signatures) to the Secretary/Administrator. In the absence of a Secretary please submit to the SEC Convener.
- Applicants must be accompanied by the relevant supporting documents without which a full ethical assessment cannot be made.
- Please do not type out with the text boxes provided, note that the Text Boxes are fixed in size and will not allow any viewing beyond the word limit permitted.

If ethical approval has been obtained from the l project that a new review process may not be re date of its approval.					
Approval Code:					
Date Approved:					
Project Title:					
Researchers Name(s):					
RESEARCH INFORMATION					
1. Estimated Start Date:					
Estimated Duration of Project: Ongoing, annua	I				
3. Is this research funded by any external sponsor	or agency?	YES		NO	$\boxtimes$
If YES please give details:					
For projects funded by ESRC please be aw http://www.esds.ac	vare of the Ethical and Legal ( c.uk/aandp/create/ethical.asp	Considerati	ons fo	ound a	t
ESRC Funded Studentships (postgraduate Studentships) (in particular in relation to Submission of the studentships)					
Does this research entail collaboration with rese institutions and/or across other University School		YES		NO	
If YES state names and institutions of collaborators:					
	ff, External Researchers, N/A	A ⊠ YE	s 🗆	NO	
<ul><li>institutions of collaborators:</li><li>5. If the research is collaborative has a framework that all collaborators, including all University States</li></ul>	ff, External Researchers, in any outputs?  D with roles in research, orship, responsibilities to	- 2		NO NO	
<ul> <li>institutions of collaborators:</li> <li>5. If the research is collaborative has a framework that all collaborators, including all University Star and Students, are given appropriate recognition</li> <li>6. Where projects raise ethical considerations to do intellectual property, publication strategies/author funders, research with policy or other implication</li> </ul>	ff, External Researchers, in any outputs?  D with roles in research, orship, responsibilities to	- 2			
<ul> <li>institutions of collaborators:</li> <li>5. If the research is collaborative has a framework that all collaborators, including all University Star and Students, are given appropriate recognition</li> <li>6. Where projects raise ethical considerations to do intellectual property, publication strategies/author funders, research with policy or other implication appropriate steps to address these issues?</li> <li>7. Location of Research</li> </ul>	ff, External Researchers, in any outputs?  Do with roles in research, orship, responsibilities to as etc., have you taken  Inpublished data	- 2			
<ul> <li>institutions of collaborators:</li> <li>5. If the research is collaborative has a framework that all collaborators, including all University Star and Students, are given appropriate recognition</li> <li>6. Where projects raise ethical considerations to do intellectual property, publication strategies/author funders, research with policy or other implication appropriate steps to address these issues?</li> <li>7. Location of Research Fieldwork to be conducted:</li> <li>8. Are you using only library, internet sources or un (with appropriate licenses and permissions) and</li> </ul>	ff, External Researchers, in any outputs?  Do with roles in research, orship, responsibilities to as etc., have you taken  Inpublished data	YES	s	NO	

UTREC Ethical Application Form (Human)

ETH	HICAL CHECKLIST						
10.	Have you obtained permission to access the site of research?	N/A		YES		NO	
	If YES please state agency/authority etc. & provide documentation. If NO please indicate why in Q.28						
11.	Will inducement i.e. other than expenses, be offered to participants? If YES, please give details of the inducement being offered and justify			YES		NO	$\boxtimes$
12.	Has ethical approval been sought and obtained from any external body e.g., REC(NHS)/LEA and or including other UK Universities? If YES, please attach a copy of the external application and approval.	N/A		YES		NO	$\boxtimes$
13.	Will you tell participants that their participation is voluntary?			YES	$\boxtimes$	NO	
14.	Will you describe the main project/experimental procedures to participants in advance so that they can make an informed decision about whether or not to participate?			YES	$\boxtimes$	NO	
15.	Will you tell participants that they may withdraw from the research at any time and for any reason, without having to give an explanation?			YES	$\boxtimes$	NO	
16.	Please answer either a. or b. a. Will you obtain written consent from participants?			YES		NO	
	b. (ONLY: Social Anthropology, Geography/Geoscience, International Relations & Biology)						
	Will you obtain written consent from participants, in those cases where it is appropriate?			YES		NO	
17.	Please answer either a. or b. a. If the research is photographed or videoed or taped or observational, will you ask participants for their consent to being Photographed, videoed, taped or observed?	N/A		YES		NO	
	b. (Social Anthropology & Biology ONLY) Will participants be free to reject the use of intrusive research Methods such as audio-visual recorders and photography?	N/A		YES		NO	
18.	Please answer either a. or b.  a. Will you tell participants that their data will be treated with full confidentiality and that if published, it will not be identifiable as theirs?			YES		NO	
	b. Will you tell participants their work /contribution will be credited unless they specifically request anonymity?			YES		NO	
19.	Will participants be clearly informed of how the data will be stored, who will have access to it, and when the data will be destroyed?			YES		NO	
20.	Will you give participants a brief explanation in writing of the study? i.e. a debrief			YES		NO	
21.	With questionnaires and/or interviews, will you give participants the option of omitting questions they do not want to answer?	N/A	$\boxtimes$	YES		NO	

WORKING WITH CHILDREN AND OR VULNERABLE PEOPLE  Do participants fall into any of the following special groups?		
so participante fail into any of the following openial groups.		
<ul> <li>a. Children (under the age of 16 in Scotland or 18 in England/Wales)</li> <li>b. Vulnerable Adult, receiving care or welfare services</li> <li>c. People with learning or communicative difficulties</li> <li>d. Residents/Carers in a specific location, e.g. Care Home</li> </ul>	YES   YES   YES   YES	NO ⊠ NO ⊠ NO ⊠ NO ⊠
NOTE TO SCHOOL ETHICS COMMITTEE. If the researcher has answered YES to Call supporting documentation, <u>must</u> be forwarded to UTREC for review and approve and Geoscience, Medicine and Psychology		
NOTES TO RESEARCHER. If you answer YES to Q.22 ad., you may be required Vulnerable Groups [PVG] <i>Disclosure</i> approval. 'Working with Children and or Vulne and procedures can be found on our webpage <a href="https://www.st-andrews.ac.uk/utrec/ethilder">https://www.st-andrews.ac.uk/utrec/ethilder</a>	rable People	' guidelines
For those planning to conduct research in England / Northern Ireland please obta check. Disclosure and Barring Service (DBS), previously known as <i>CRB</i> . <a href="https://vrecords-bureau-check/overview">https://vrecords-bureau-check/overview</a>		
e. NHS Patients or Staff f. Institutionalised persons	YES 🗌 YES 🗍	NO ⊠ NO ⊠
If you answer YES to Q 22.,e. or f., it is likely you will be required to obtain approve must be sought prior to approval from the relevant SEC or UTREC.	al from the N	NHS. This
g. People in custody h. People engaged in illegal activities, e.g., drug-taking	YES □ YES □	NO ⊠ NO ⊠
		_
If YES to Q22. g. or h., you should ensure that the relevant Risk Assessment Checklist https://www.st-andrews.ac.uk/utrec/guidelines/riskassessment/	has been co	ompleted.
If YES to Q22. g. or h., you should ensure that the relevant Risk Assessment Checklist		
If YES to Q22. g. or h., you should ensure that the relevant Risk Assessment Checklist https://www.st-andrews.ac.uk/utrec/guidelines/riskassessment/		

UTREC Ethical Application Form (Human)

UTREC Ethical Application Form (Huma
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This section is for ethical use only and <u>does not</u> replace the requirement to submit a Fieldwork Risk Assessment Form to the relevant Health and Safety/Risk Officer in your School. The University official procedures on Risk and Safety measures are linked from our webpage <a href="https://www.st-andrews.ac.uk/utrec/guidelines/riskassessment/">https://www.st-andrews.ac.uk/utrec/guidelines/riskassessment/</a>

24.	Are any of the participants in a dependant relationship with the investigator e.g. lecturer/student? If YES, give explanation in Q.28.	YES	$\boxtimes$	NO	
25.	Will your project involve deliberately misleading participants in any way? If YES, give details in Q.28 and state why it is necessary and explain how debriefing will occur	YES		NO	$\boxtimes$
26.	Is there any significant risk to any paid or unpaid participant(s), field assistant(s), helper(s) or student(s), involved in the project, experiencing either physical or psychological distress or discomfort? If Yes, give details in Q.28 and state what you will do if they should experience any problems e.g. who to contact for help.	YES	$\boxtimes$	NO	
27.	Do you think the processes, including any results, of your research have the potential to cause any damage, harm or other problems for people in your study area? If YES, please explain in Q.28 and indicate how you will seek to obviate the effects.	YES	$\boxtimes$	NO	

There is an obligation on the Lead Researcher & Supervisor to bring to the attention of the School Ethics Committee (SEC) any issues with ethical implications not clearly covered by the above

### **ETHICAL STATEMENT**

28. Please provide a clear, concise statement of the ethical issues raised by this project and provide details of how you will address these issues, paying particular attention to those questions which have specifically asked for clarification in Q28. This section should also provide full details of what type of data you will be collecting (anonymous, coded, attributable) and how you will handle/store and retain/destroy data.

Data handling- no data collection, immediate disposal of all blood All samples should be 'labelled' as part of safe practice, but stud date of birth. Participation will be voluntary and subject to health and safety ch	lents may use a fictiti			d
Students unable or unwilling to participate can continue to work of the student wishes to take blood, but not have blood taken, they student is willing to have a (second) sample taken.	with model arms.			r
Supervision for peer venepuncture is by qualified clinical staff on No student will be required to participate.	a one-to-one basis.			
No student will be disadvantaged in any assessment.  Written consent is not required, in line with NHS good practice.	(Patients do not give	written	conse	ent for
blood samples to be taken).  There is small risk of transient pain and bruising- see risk assess Students already rehearse a wide range of physical procedures		arning		
Anecdotal evidence suggests that students who do not have this practice in a safe environment, have removed needles etc from clinical s their peers. This is clearly unethical and this proposal seeks to eradicate	ettings to practice, u	nsuper	vised,	
DOCUMENTATION CHECKLIST				
DOCUMENTATION CHECKLIST  Ethical Application Form	YE	s 🖂	NO	
Ethical Application Form	YE YE		NO NO	
Ethical Application Form Participant Information Sheet		s 🗆		
Ethical Application Form  Participant Information Sheet  Consent Form	YE	s □ s □	NO	
Ethical Application Form  Participant Information Sheet  Consent Form  Debriefing Form	YE YE	s     s     s	NO NO	
Ethical Application Form  Participant Information Sheet  Consent Form  Debriefing Form  External Permissions	YE YE YE	s	NO NO	
Ethical Application Form  Participant Information Sheet  Consent Form  Debriefing Form  External Permissions  Letters to Parents / Children / Head Teachers etc	YE YE YE	s	NO NO NO	
	YE YE YE YE	s	NO NO NO NO	
Ethical Application Form  Participant Information Sheet  Consent Form  Debriefing Form  External Permissions  Letters to Parents / Children / Head Teachers etc  PVG Approval (Scotland) or Police Check (England/Other)  Advertisement	YE YE YE YE YE	s	NO NO NO NO	
Ethical Application Form  Participant Information Sheet  Consent Form  Debriefing Form  External Permissions  Letters to Parents / Children / Head Teachers etc  PVG Approval (Scotland) or Police Check (England/Other)  Advertisement  Other (please list):	YE YE YE YE YE	s	NO NO NO NO	
Ethical Application Form  Participant Information Sheet  Consent Form  Debriefing Form  External Permissions  Letters to Parents / Children / Head Teachers etc  PVG Approval (Scotland) or Police Check (England/Other)	YE	s	NO NO NO NO NO	S/ and

Signature

Date:

SUPERVISOR(S)  The Supervisor must ensure they have read both the application and the guidelines, and also has approved the project and application, before signing below, with clear regard for the balance between risk and the value of the research to the School/Student (Supervisors should provide this on a separate sheet or supply to the student to insert below). Please, if you wish, add comments in no more than 200 words:  Print Name:  Staff Researcher only  Print Name:  Signature  Date:  SCHOOL ETHICS COMMITTEE OFFICIAL USE ONLY  STATEMENT OF ETHICAL APPROVAL  This project has been considered using agreed University Procedures and has been:    More Clarification Required     New Submission Recommended     Discussed with Supervisor     Referred to UTREC     Referred to Fieldwork Subcommittee     Convenor's     Name     Signature     Date:		
The Supervisor must ensure they have read both the application and the guidelines, and also has approved the project and application, before signing below, with clear regard for the balance between risk and the value of the research to the School/Student. (Supervisors should provide this on a separate sheet or supply to the student to insert below) Please, if you wish, add comments in no more than 200 words:  Print Name:  Signature  Date:  STAFF RESEARCHER ONLY  Print Name:  Lysa Owen  Signature  Date:  SCHOOL ETHICS COMMITTEE OFFICIAL USE ONLY  STATEMENT OF ETHICAL APPROVAL  This project has been considered using agreed University Procedures and has been:  Approved  Not Approved pending:  More Clarification Required  New Submission Recommended  Discussed with Supervisor  Referred to UTREC  Referred to UTREC  Referred to Fieldwork Subcommittee	TREC Ethical Applicat	tion Form (Human)
Signature Date:  STAFF RESEARCHER ONLY  Print Name: Lysa Owen Signature Date:  18th June 2018  SCHOOL ETHICS COMMITTEE OFFICIAL USE ONLY  STATEMENT OF ETHICAL APPROVAL This project has been considered using agreed University Procedures and has been: Approved  Not Approved pending: More Clarification Required New Submission Recommended Discussed with Supervisor Referred to UTREC Referred to Fieldwork Subcommittee  Convenor's Name Signature	The Supervisor project and appresearch to the	r must ensure they have read both the application and the guidelines, and also has approved the plication, before signing below, with clear regard for the balance between risk and the value of the School/Student. (Supervisors should provide this on a separate sheet or supply to the student
Signature Date:  STAFF RESEARCHER ONLY  Print Name: Lysa Owen Signature Date:  18th June 2018  SCHOOL ETHICS COMMITTEE OFFICIAL USE ONLY  STATEMENT OF ETHICAL APPROVAL This project has been considered using agreed University Procedures and has been: Approved  Not Approved pending: More Clarification Required New Submission Recommended Discussed with Supervisor Referred to UTREC Referred to Fieldwork Subcommittee  Convenor's Name Signature		
Signature Date:  STAFF RESEARCHER ONLY  Print Name: Lysa Owen Signature Date:  8th June 2018  SCHOOL ETHICS COMMITTEE OFFICIAL USE ONLY  STATEMENT OF ETHICAL APPROVAL This project has been considered using agreed University Procedures and has been: Approved  Not Approved pending: More Clarification Required New Submission Recommended Discussed with Supervisor Referred to UTREC Referred to Fieldwork Subcommittee  Convenor's Name Signature	Print Name:	
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Print Name: Lysa Owen  Signature Date: 18th June 2018  SCHOOL ETHICS COMMITTEE OFFICIAL USE ONLY  STATEMENT OF ETHICAL APPROVAL  This project has been considered using agreed University Procedures and has been:  Approved Not Approved pending:  Not Approved pending:  Not Approved pending:  Referred to University Procedures and has been:  Referred to Fieldwork Subcommittee  Convenor's Name  Signature	Date:	
Signature Date:    SCHOOL ETHICS COMMITTEE OFFICIAL USE ONLY	STAFF RESEA	ARCHER ONLY  YES  NO
SCHOOL ETHICS COMMITTEE OFFICIAL USE ONLY  STATEMENT OF ETHICAL APPROVAL  This project has been considered using agreed University Procedures and has been:  Approved  Not Approved pending:  More Clarification Required  New Submission Recommended  Discussed with Supervisor  Referred to UTREC  Referred to Fieldwork Subcommittee  Convenor's Name  Signature	Print Name:	Lysa Owen
SCHOOL ETHICS COMMITTEE OFFICIAL USE ONLY  STATEMENT OF ETHICAL APPROVAL  This project has been considered using agreed University Procedures and has been:    Approved	Signature	
STATEMENT OF ETHICAL APPROVAL  This project has been considered using agreed University Procedures and has been:  Approved  Not Approved pending:  More Clarification Required  New Submission Recommended  Discussed with Supervisor  Referred to UTREC  Referred to Fieldwork Subcommittee  Convenor's Name  Signature	Date:	18 <sup>th</sup> June 2018
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Date:	Signature	
	Date:	

thical Applic	ation Form (Human)
docum V	use the space below and additional pages to attach any supporting eents i.e. Participant Information Sheets, Consent Forms, Debriefing Forms, Questionnaires, Letter to Parents etc. Ve recommend you refer to the sample documents provided at www.st-andrews.ac.uk/utrec/EthicalApplication/SampleDocuments

# Risk Assessment Form - University of St Andrews

Unit Clinical Skills Suite, St Andrews University	vs University	Name of Assessor	Lysa Owen, Christal Grierson
Activity Venepuncture & peripheral cannulation - peer practice for medical stud	ents	Signed	
Date 9th May 2018	Date staff informed	De	Date for Review

What are the	Who might be	What are you	_	Timescale for	Person responsible for	Date
hazards?	harmed and how?	already doing?	is necessary?	Action	implementation	completed
Needlestick injury	medical students/ teaching staff	Adhere to sharps policy	Assess proficiency of skills on mannequin before progress to peer practice Teaching staff knowledge of sharps policy refreshed		L.Owen C.Grierson	
Infection	medical students/teaching staff	Universal precautions. All students OSAS approved fit for training.	Assess proficiency of skills on mannequin before progress to peer practice Experience teaching staff, proficient in this skill, will always be in attendance		L.Owen C.Grierson	
Arterial puncture	medical students	Simulated practice	Assess proficiency of skills on mannequin before progress to peer practice. Experience teaching staff, proficient in this skill, will always be in attendance		L.Owen C.Grierson	
Phlebitis	medical students	Simulated practice	Assess proficiency of skills on mannequin before progress to peer practice. Experience teaching staff, proficient in this skill, will always be in attendance		L.Owen C.Grierson	
Missed vein	medical student	Simulated practice	Assess proficiency of skills on mannequin before progress to peer practice. Experience teaching staff, proficient in this skill, will always be in attendance		L.Owen C.Grierson	
Haematoma formation	medical students	Simulated practice	Assess proficiency of skills on mannequin before progress to peer practice. Experience teaching staff, proficient in this skill, will always be in attendance		L.Owen C.Grierson	
Anxiety	medical students	Simulated practice	Assess proficiency of skills on mannequin before progress to peer practice. Experience teaching staff, proficient in this skill, will always be in attendance		L.Owen C.Grierson	

# **Risk Assessment Form - University of St Andrews**

		Name of Assessor		
Activity		Signed		
Date	Date staff informed		Date for Review	

What are the	Who might be	What are you	What further action	Timescale for	Person responsible for	Date
hazards?	harmed and how?	already doing?	is necessary?	Action	implementation	completed