

Appendix A

Demographic and research experience				
1. Age		2. Gender	M	F
3. Rank	Lecturer	Assistant Prof.	Associate Prof.	Full prof.
4. Faculty	Medicine	Dentistry	Pharmacy	Nursing
5. Projects performed involves <i>(check all that apply)</i>	Surveys	Cells	Animals	Human (experimental)
Knowledge, Attitude and Practice (KAP) of research ethics				
1. Research ethics is important	<input checked="" type="checkbox"/> Strongly agree	<input checked="" type="checkbox"/> Agree	Disagree	Strongly disagree
2. If agree, why do you think research ethics is important? <i>(check all that apply)</i>	<input checked="" type="checkbox"/> Promoting research best practices		<input checked="" type="checkbox"/> Create open communication	
	Securing personal finances		<input checked="" type="checkbox"/> Gaining public trust	
	Maximizing publication quantity		<input checked="" type="checkbox"/> Gaining governmental trust	
	<input checked="" type="checkbox"/> Protecting participants		<input checked="" type="checkbox"/> Gaining private sector trust	
	<input checked="" type="checkbox"/> Sharing ideas		<input checked="" type="checkbox"/> Promoting morality	
3. Is research irrelevant to ethics and morality?	Yes		<input checked="" type="checkbox"/> No	
4. Have you been exposed to formal research ethics training (course, workshop, etc.)?	Yes		No	
5. Are you familiar with the basic major ethical principles of research?	Yes		No	

Appendix A

6. The following is a major research ethical principle (check all that apply)	✓ Autonomy: (freedom of participants to decide what to do)		✓ Justice: (the fair selection of research participants)	
	Conflict of interest: (deciding when to participate or not in research projects when you have a conflict)		Collaboration: (deciding how research team relations should be)	
	Authorship: (deciding who deserves authorship and who does not)		✓ Non-maleficence: (non-harming or inflicting the least harm possible to reach a beneficial outcome)	
7. Which of the following terms are you familiar with in research? (check all that apply)	Plagiarism	Fabrication	Falsification	Ghost authorship
	Gift authorship	Conflict of interest	Dual publication	Salami publication
8. Which of the following terms do you think has guidelines in research ethics? (check all that apply)	✓ Proposal preparation	✓ Investigator responsibilities	Financial satisfaction	✓ Data collection
	✓ Research misconduct	✓ Data publication	✓ Non-publication of data	✓ Data storage and retention
	✓ Authorship	✓ Conflict of interest	✓ Conflict of commitment	✓ Collaboration
	✓ Sharing data	✓ Data ownership	✓ Peer review	Job security
9. For how long do you keep all your projects' documents?	< 1 year	1-3 years	✓ 3-5 Years	✓ > 5 years
10. From your perspective, who owns the data of a project (you can choose more than one answer)?	The student	The PI ± collaborators	The school or university	Granting agency
11. What do you think is the role of a research ethics committee? (check all that apply)	✓ To review ethical aspects of research		✓ To review the scientific design of research	
	✓ To determine if informed consent is needed in research of human subjects		✓ To protect the welfare and rights of research participants	
	To ensure financial security of researcher		To ascertain number of publications that should come out of the project	

Appendix A

12. Who of the following persons do you think is justified to be a member of an REC? <i>(check all that apply)</i>	<input checked="" type="checkbox"/> Physician	<input checked="" type="checkbox"/> Nurse	<input checked="" type="checkbox"/> Ethicist	<input checked="" type="checkbox"/> Philosopher
	<input checked="" type="checkbox"/> Lawyer	<input checked="" type="checkbox"/> Any regular person (lay person)		Government official
13. Which of the following(s) is (are) considered guidelines in research ethics? <i>(check all that apply)</i>	<input checked="" type="checkbox"/> Nuremberg Code	<input checked="" type="checkbox"/> Declaration of Helsinki	<input checked="" type="checkbox"/> Belmont Report	<input checked="" type="checkbox"/> Council of the International Organizations of the Medical Sciences (CIOMS)
14. Which of the following activities accomplished by research personnel deserves authorship? <i>(check all that apply)</i>	Project design only	Data collection only	Manuscript writing only	Statistical analyses only
	Data analysis only excluding statistical analyses	Being the senior Investigator who brought the funding		<input checked="" type="checkbox"/> Project design & data analysis & manuscript writing

Appendix A

Please, comment on the following statements:

1. All research ethics guidelines apply to all societies and cultures	Agree	✓ Disagree	Neutral	I don't know
2. Research ethics should be mandatory in postgraduate programs	✓ Agree	Disagree	Neutral	I don't know
3. All investigators of human and animal studies should have training in research ethics	✓ Agree	Disagree	Neutral	I don't know
4. Not all participants comprehend research projects well. Accordingly, there is no need to provide them with details	Agree	✓ Disagree	Neutral	I don't know
5. There is no need to obtain informed consent to do research on blood samples already withdrawn for clinical tests	Agree	✓ Disagree	Neutral	I don't know
6. There should be a research ethics committee (REC) at each university	✓ Agree	Disagree	Neutral	I don't know
7. Only human subject research must be reviewed by an REC	Agree	✓ Disagree	Neutral	I don't know
8. Review by an REC would delay research projects and make it harder for the researcher to perform it	Agree	✓ Disagree	Neutral	I don't know
9. If there is a scientific committee for reviewing research, there is no need for an REC	Agree	✓ Disagree	Neutral	I don't know
10. Members of REC should be at least professors with high authority in the university	Agree	✓ Disagree	Neutral	I don't know
11. There is no need for child approval in research if they are less than 15 years as long as parents are consenting	Agree	✓ Disagree	Neutral	I don't know
12. Retrospective studies are exempt from informed consent	Agree	✓ Disagree	Neutral	I don't know
13. The researcher (by him/herself) can decide that no informed consent is needed if the research is a retrospective study (data already collected)	Agree	✓ Disagree	Neutral	I don't know
14. Informed consent should be always written	Agree	✓ Disagree	Neutral	I don't know