

Existing materials mainly for RECs

	Continent/Country	Name of the institution, source	Type of training/training methods	Target groups	Time frame	Case-studies	Accessibility	Notes/Comments
I.Recommended Online Training Programmes								
1.	United Kingdom	National Institute for Health Research, Clinical Research Network: https://learn.nihr.ac.uk/course/index.php?categoryid=5	On-line GCP training course	Researchers (primary and secondary care), pharmacists, dentists	Cannot be identified		Free of charge; registration is needed	<ul style="list-style-type: none"> • Possibility to participate in local face-to-face workshops.
2.	Europe, Africa	Consortium of interested persons from Northern and Southern countries: Training and Resources in Research Ethics Evaluation (TRREE) http://elearning.trree.org http://www.trree.org	Multi-lingual online training program on research ethics and regulation	While some modules may focus on more specific training needs of research ethics committee members, or research teams including investigators, nurses, or study coordinators, the training is open to all and may be of interest to health authorities, funding agencies and universities, as well as to political authorities, patients	Cannot be identified		Free of charge; registration is needed	<ul style="list-style-type: none"> • Each module has its own case studies. • Certification

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				and the media				
3.	USA, Europe, Asia	<p>Collaboration between many research organisations that work in the field of global health: Global Health Trials e-Learning Short Courses</p> <p>http://globalhealthtrials.tghn.org/elearning/</p>	E-learning short courses covering every step, process of a high quality clinical studies	Clinical study investigators and clinical study staff	Short courses from 30 minutes to 1 hour; modular courses – from 4 to 10 hours	-	Free of charge	<ul style="list-style-type: none"> • <i>Every course is finished with a quiz.</i> • <i>Possibility to choose between short and modular courses.</i> • <i>Certification</i>
4.	USA	<p>Family Health International: Research Ethics Training Curriculum</p> <p>https://www.fhi360.org/sites/all/libraries/webpages/fhi-retc2/</p>	On-line training program (6 sections, case studies, self-tests)	Researchers, research ethics committee members and all other interested parties	A minimum of 4 hours	<ol style="list-style-type: none"> 1. Respect for persons 2. Beneficence and justice 3. Informed consent 4. Research ethics committee considerations 5. Research involving minors 6. Principles of research ethics 7. Community 	Free of charge	<ul style="list-style-type: none"> • <i>Possibility to take the final test as many times as one wishes.</i> • <i>The curriculum has web version, flash version and complete pdf version.</i> • <i>Every test, evaluation and certification is explained in a video.</i>

						<p>participation 8. Inducement / compensation 9. Social risks 10. Individual versus community consent (All cases are available on the web)</p>		
	<p>Canada</p>	<p>Tutorial in research ethics http://ethique.msss.gouv.qc.ca/didacticiel/index.php</p>	<p>Online tutorial providing 3-level training program including introduction to research ethics, training the skills required to conduct ethics review of research and issues that are relevant in research involving human participants in situations of vulnerability. Multiple choice questions.</p>	<p>Developed for research ethics board (REB) members and support staff who work in the institutions of the Quebec health and social services network, but open for all interested in the topic.</p>			<p>Free of charge, registration required.</p>	<ul style="list-style-type: none"> • <i>Specifically designed for ethics review committee members.</i> • <i>Glossary including explanations of the key concepts is available.</i>

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	Australia	On-Line Research Integrity Course Human Research Ethics; University of Wollongong http://www.uow.edu.au/research/rso/ethics/human/training/	A modular online course The course covers the following topics: research merit and integrity, justice, beneficence and respect. Each section included multiple choice questions and open questions. Feedback on the answer is provided instantly.	& module-course; in which Modules 1-5 are for researchers and board members, and the 6 th module for students.	A minimum of 4 hours	Offers cases in connection to the module topics.	Free of charge	<ul style="list-style-type: none"> • <i>Specifically designed for researchers and people who work in human research ethics committees.</i> • <i>Covers both ethics and integrity-related topics.</i>
6.	USA	Practical Ethics Center at the University of Montana: Research Ethics http://ori.dhhs.gov/education/products/montana_round1/research_ethics.html	On-line training (readings, case histories, self-assessment)	Institution members that are working to promote Responsible Conduct of Research	3-4,5 hours (not counting exploration into external links)	At least one case study for each section	Free of charge	<ul style="list-style-type: none"> • <i>All content is textual and divided into six sections.</i> • <i>Every section ends with assessment and certification.</i>
II. Recommended Online Training Materials								
1	Europe	Council of Europe: Guide for Research Ethics Committee	Online Guide highlights the ethical basis for the principles	Research ethics committee members	Cannot be identified	No cases provided	<i>Free of charge</i>	<ul style="list-style-type: none"> • <i>Tool for research ethics committee members.</i>

		<p>Members</p> <p>http://www.coe.int/t/dg3/healthbioethic/activities/02_biomedical_research_en/Guide/Guide_EN.pdf</p>	<p>laid down in the European instruments covering biomedical research and indicates operational procedures to facilitate their implementation</p>					
2.	Europe	<p>European Commission: European Textbook on Ethics in Research</p> <p>http://ec.europa.eu/research/science-society/document_library/pdf_06/textbook-on-ethics-report_en.pdf</p>	<p>The online book that covers key issues in the ethics of research involving human participants, including some of the ethical issues associated with new technologies</p>	<p>Anyone who are responsible for the ethical review of research, or who are themselves engaged in research, or preparation for research, that will be subject to ethical approval. These may include: members and staff of research ethics committees, researchers, and students undertaking research-oriented degree programmes.</p>	Can not be identified	<p>It contains case studies relating to a variety of scientific disciplines including biomedical and human life sciences, new technologies and the social sciences</p>	Free of charge	<ul style="list-style-type: none"> <i>The aim of this textbook is to contribute to the infrastructure for ethics deliberation and ethics review in Europe and beyond.</i>

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3.	USA	Office for Human Research Protections: IRB Guidebook https://archive.hhs.gov/ohrp/irb/irb_guidebook.htm	IRB Guidebook provides a basic understanding of the background and purposes of the IRB review system	Particularly useful for new IRB members and investigators just beginning their clinical research	Cannot be identified	-	Free of charge	<ul style="list-style-type: none"> <i>The guidbook has been prepared for the convenience and reference of IRB members and administrators.</i>
4.	USA	Office for Human Research Protections: Educational Videos http://www.hhs.gov/ohrp/education/training/ed_video.html	Educational videos provide information regarding the requirements of the Department of Health and Human Services regulations for the protection of human subjects at 45 CFR part 46	IRB members, investigators	Cannot be identified	-	Free of charge	<ul style="list-style-type: none"> <i>Many short videos concerning various research ethics questions.</i>

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III. Recommended on site-programs

1.	USA	National Institute of Health, Department of Bioethics: Ethical and Regulatory Aspects of Clinical Research https://bioethics.nih.gov/courses/index.shtml#ethical	On-site training course (lectures, discussions, readings, CD)	Anyone interested or involved in clinical research involving human subjects	7 sessions of 3 hours plus readings	Several presentations include case analysis	Free of charge. Free access to the contents and description of the course and to the presentation slides.	<ul style="list-style-type: none"> <i>This course is readily accessible to the non-medical target groups and scientist.</i>
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2.	USA	University of Maryland, School of Medicine: Certificate Program in International Health Research Ethics http://graduate.umaryland.edu/research-ethics/	On-site training course (lectures, workshops, practical assignments)	Physicians, nurses, scientists, research ethics committee members, pharmacists, philosophers, and other individuals with appropriate backgrounds and interests in health research or ethics	2 months of on-site studies (~4 hours a day) and 10 months performance of a project in research ethics in trainee's home country	Practical experiences in the ethical review of research protocols; observation of research ethics committee meetings	Paid participation (2,000 U.S. Dollars), Scholarships are available to fund travel, living expenses, and course fees, but are limited	<ul style="list-style-type: none"> • <i>100% online environment. Flexibility to meet the needs of working professionals. There are no online meetings or scheduled time for logging in.</i>
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