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	<p style="text-align: center;"><b>Training Occupational Health and Scientific Research Group A Scientific research</b></p> <p style="text-align: center;"><b>Major Assignment (Group work)</b></p>	
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### Learning objectives:

- To be able to design a study protocol for a successful applied research OSH project

**Instructional Method:** Working in groups ( 6 different groups of 3 persons)

**Suggested time :** the protocol will be developed in different steps through the whole week  
Each day there is a time slot in the schedule for this group work (see training program).

### Description of the assignment :

*Choose an occupational disease or a work-related disease related to an occupation or economical sector. Another option is to focus on a wide variety of occupational or work-related health problems. Design a study for this occupational health problem. Develop a protocol in which all aspects of the study are dealt with.*

*The study protocol should be adapted to the real life situation in Turkey. It is not the goal of the training to bring it in practice later on. It is a theoretical exercise in which it is necessary to dream from time to time. But in the end feet should be on the ground. It should be feasible.*

*There are 2 deliverables of this group work which should be finished on Friday morning 9:00:*

1. *A written protocol (maximum 10 pages), in English or Turkish, following the rules below.*
2. *A presentation on Friday morning. Each group will present its study protocol to the other groups. For each protocol there are 20 minutes available: 7 minutes presentation (maximum 10 slides) and 13 minutes discussion.*

*The presentation will be scored by the trainers on the criteria:*

- *The content: methodology, quality, completeness, sense for the essential, relevance, critical appraisal.*
- *The form: structure, clearness, timing, speaking style and audiovisual material.*

*Rules for the final protocol.*

1. *Title of the study*
2. *Summary*
3. *Background of the problem. Theoretical foundation. Actual relevant knowledge*
4. *Objectives (general and specific)*
5. *Methodology*

- 5.1. *General design of the study*
- 5.2. *Target and study population*
- 5.3. *Instruments for data collection*
- 5.5. *Methods for controlling data quality and data management*
- 5.6. *Data analysis plan and use of results*
6. *Possible issues. Ethical aspects. Strong and weak points*
7. *Contribution and resources (persons, time, materials, services, and finances)*
8. *References*
9. *Timetable*

**The first part of the assignment (Monday 15:30 – 17:00 – Group work I)**

*Conceptualize the problem of your study project:*

- *Present the objective of the project to the others*
- *The others of the group give feedback*
- *Refine the general objective of the project*
- *Define the specific objectives of the project*

*Describe the background of the problem*

*Make a title*

*Check the literature to be sure that*

- *The topic is relevant and sufficiently new*
- *To get extra ideas about the specific objectives of your study*

*Refine your study question(s) ( and title) according to the literature.*

*Present the conclusions the next morning 9:00 to the other groups in 4 slides:*

1. *Title + name (of the group members)*
2. *Background of the problem*
3. *Actual relevant knowledge*
4. *General and specific objectives*