EXMD627 PRACTICUM IN CLINICAL RESEARCH
GUIDELINES

GOAL

The objective of the Practicum in Clinical Research is to familiarize the student with the steps required for the design and execution of clinical trials, or methods and approaches associated with the solution of a clinical research problem.

PROGRAM REQUIREMENTS

The students can be involved at any stage of the project, e.g. protocol development, screening of participants, data analysis, etc. They are required to spend a minimum of 100 to 120 hours within a specific and limited time frame of 3 to 6 months, at the end of which they are required to submit a written report. This report should encompass not only the actual work performed by the student but also an analysis of the research problem.

A typical report should feature the following sections:

- Objective
- Background
- Methodology
- Analysis
- Activities performed
- Conclusion
- Summary of the research areas covered and knowledge acquired during the practicum (e.g., protocol writing, research ethics, regulatory requirements, etc.)

While the student can express the desire to be involved for the full duration of the study, (e.g., handling of large sample populations), the supervisors are urged to limit their involvement in the project to a workload achievable within an average of 100 to 120 hours, which can be spread at most over 2 semesters.

TYPE OF STUDY

The clinical project can be relevant to any disease, including cancer, diabetes, arthritis, etc., and is not limited to being performed in an academic environment. Research problems related to molecular diagnostics are also acceptable.

EVALUATION

The supervisor is required to grade the student's final written report and to subsequently transmit the mark to the course coordinator.

SIGNIFICANCE

By the end of the practicum, the student is expected to have become familiar with the steps towards solving a real clinical research problem.